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AUSTRALIAN BUREAU OF STATISTICS  
TASMANIA

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# **LABOUR, WAGES AND PRICES**

## **TASMANIA**

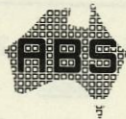
### **1980-81**

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Inquiries concerning these statistics may be made by telephoning Robert G. Gaspari for direct general inquiries, telephone 250-1000 or 250-1001 or Robert G. Gaspari for direct inquiries, telephone 250-1000 or 250-1001.

The Tasmanian Office of the Bureau is located on the 15th floor of the Commonwealth Government Centre, 188 Collins Street, Hobart, G.P.O. Box 1000, Hobart, 7001.



**AUSTRALIAN BUREAU OF STATISTICS**

**HOBART, TASMANIA**

**LABOUR, WAGES AND PRICES  
TASMANIA  
1980-81**

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# INQUIRIES

Inquiries concerning these statistics may be made by telephoning Hobart 20 4933. For other general inquiries, telephone the Information Officer on Hobart 20 4495.

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## RELATED PUBLICATIONS

The information contained in this bulletin is generally available in the Canberra Office 6000.0 series of publications. Later information, information for other states, or more detailed information may be available on request. Some details are also included in the Monthly Summary of Statistics, Tasmania (1303.6). The main bulletins in the 6000 series are the following:

- The Labour Force (6203.0) (monthly, July 1981 released 22-9-81, 32 pp.)
- Civilian Employees (6213.0) (monthly, April 1980 released 8-7-80, 8 pp.)
- Job Vacancies (6231.0) (quarterly, May 1981 released 25-6-1981, 5 pp.)
- Average Weekly Earnings (6302.0) (quarterly, June 1981 released 14-9-81, 4 pp.)
- Wage Rates (6312.0) (monthly, June 1981 released 26-9-81, 19 pp.)
- Industrial Disputes (6321.0) (monthly, June 1981 released 16-9-81, 2 pp.)
- Consumer Price Index (6401.0) (quarterly, June 1981 released 23-7-81, 9 pp.)
- Average Retail Prices of Selected Food and Grocery Items, Six State Capital Cities and Canberra (6403.0) (quarterly, June 1981 released 11-8-81, 2 pp.)
- Export Price Index, Australia (6405.0) (monthly, July 1980 released 7-9-81, 6 pp.)
- Price Index of Materials Used in Building Other than House Building (6407.0) (monthly, August 1981 released 22-9-81, 13 pp.)
- Price Index of Materials Used in House Building (6408.0) (monthly, August 1981 released 21-9-81, 7 pp.)
- Price Index of Metallic Materials (6410.0) (monthly, August 1981 released 7-9-81, 2 pp.)
- Price Index of Materials Used in Manufacturing Industry (6411.0) (monthly, June 1981 released 24-8-81, 5 pp.)
- Price Indexes of Articles Produced by Manufacturing Industry (6412.0) (monthly, July 1981 released 8-9-81, 5 pp.)

Information about Tasmanian Office ABS publications may be obtained from the Catalogue of Publications, 1980, Tasmanian Office (1103.6). All publications produced by the ABS are listed in the annual Catalogue of Publications (1101.0) which is available free of charge from any ABS office.

## SYMBOLS AND OTHER USAGES

The following standard symbols are used in publications of the Tasmanian Office of the A.B.S.:

ASIC	Australian Standard Industrial Classification	r	figure or series revised since previous issue
M	males; F females; P persons	..	not applicable
n.a.	not available	-	nil or rounded to zero
n.e.c.	not elsewhere classified	—	break in continuity of the series (where drawn across a column between two consecutive figures)
n.e.i.	not elsewhere included		
n.p.	not available for separate publication but included in totals where applicable	(H)	located in Hobart Statistical Division;
n.y.a.	not yet available	(S)	located in Southern Statistical Division;
p	preliminary - figure or series subject to revision	(H)(S)	parts in both Divisions.

Values are shown in Australian currency.

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.



## LABOUR

### SCOPE, DEFINITIONS AND EXPLANATORY NOTES

#### Labour Force Survey

Until February 1978 this survey was conducted quarterly; from then it has been monthly. Information is obtained from occupants of selected dwellings by trained interviewers. The interviews usually take place over the two weeks beginning on the Monday between the 6th and 12th of each month. Information obtained relates to the week before interview. Operational problems related to the Christmas/New Year holiday period may cause some adjustment to timing of the December and/or January survey.

#### Scope:

Includes all persons aged 15 years and over except: (i) members of the permanent defence forces; (ii) certain diplomatic personnel of overseas government customarily excluded from census and estimated population figures; (iii) overseas visitors holidaying in Australia; (iv) members of non-Australian defence forces (and their dependants) stationed in Australia.

#### Definitions:

The labour force category to which a person is assigned depends on his actual activity during the survey week. The definitions used conform closely to the international standard definitions specified by the International Labour Organisation.

(i) **Employed persons** comprise all those aged 15 years and over who, during the survey week:

(a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons); or

(b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helper); or

(c) were employees who had a job but were not at work, and were on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or

(d) were employers or self-employed persons who had a job, business or farm, but were not at work.

(ii) **Unemployed persons** are those aged 15 years and over who were not employed during the survey week, and

(a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and:

(i) were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or

(ii) were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey week if the job had been available then;

or

(b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

(iii) **Unemployment rate** or any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

(iv) **Labour force** comprises all persons who, during the survey week, were employed or unemployed, as defined above.

(v) **Labour force participation rate** for any group is the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.

(vi) **Persons not in labour force** are those persons who, during the survey week, were not in the categories 'employed' or 'unemployed'. Includes persons keeping house (unpaid), attending an educational institution, retired, voluntarily inactive, inmates of institutions, etc.

#### Revision of series:

Estimates are calculated so as to conform with the independently estimated distribution of the population by age and sex. Consequently whenever these population benchmarks are revised it becomes necessary to revise the labour force estimates. Survey estimates back to August 1966 have been recalculated to take account of results of the 1966, 1971 and 1976 population censuses and estimates of under-enumeration. Survey estimates for February 1978 and subsequent months are based on a new sample and revised questionnaire. Estimates for August 1966 to November 1977 have been revised to provide a series as comparable as possible with February 1978 and later estimates.

#### Characteristics of Labour Force at Censuses

At Censuses persons aged 15 years and over are asked questions about their labour force participation, industry of employment and occupation. The answers allow detailed analysis of the labour force. This bulletin does not contain any census labour force tables - however, such tables are printed in A.B.S. census bulletins, or are available from computer printout, microfiche, etc.

#### Wage and Salary Earners in Civilian Employment

The figures in the employment tables are based on data derived from the Population Censuses of June 1971 and June 1976 and on other later data from three main sources: (i) current payroll tax returns; (ii) current returns from government bodies; and (iii) some other direct current employment returns (e.g. for hospitals). The three current sources just specified cover most employment but a small unrecorded balance in the private sector has to be estimated.



Month-to-month changes shown by current returns are linked with the benchmark data (the June 1971 and June 1976 Censuses) to derive the monthly estimate. At April 1980, employment totals obtained from the three current sources defined above represented about 85 per cent of the total number of employees in the industries covered, as determined by the Census.

The table figures relate only to civilian wage and salary earners, not to the total labour force and, therefore, exclude employers, self-employed persons, unpaid helpers and members of the defence forces. Also excluded, because of inadequate current data, are employees in agriculture and in private domestic service.

Current data supplied by reporting enterprises or establishments generally refer to persons on the payroll for the last pay-period in each month. Persons who are on paid leave, or who work during part of the pay-period and are unemployed or on strike during the rest of the period, are generally counted as employed. Those not shown on employer's payrolls because they are on leave without pay, on strike or stood down for the entire period are excluded.

Payroll tax returns are currently lodged by all employers paying more than \$1 500 a week in wages (other than certain government bodies, religious and benevolent institutions, public hospitals and similar types of organisations specifically exempted). From 1 January 1978 to 31 December 1980, the rate was \$1 154 per week, (from 1 January 1977 until 31 December 1977 \$923 per week, from 1 January 1976 \$800 per week, and prior to 1 January 1976 the rate was \$400 per week.)

Although the series measures the short-term trends in employment in the defined field reasonably well, it may be less reliable for longer-term measurement. There are conceptual differences between benchmark and payroll data, and changes in such factors as labour, turnover, multiple jobholding and part-time working all affect the trend over longer periods. Also, increases in exemption levels may result in a reduction in the number of businesses liable for payroll tax and consequently increase the size of the unrecorded sector for which employment has to be estimated. For these reasons it will be necessary to

revise the series from time to time. The April 1980 civilian employee figures were the last published estimates pending the outcome of an ABS investigation into the series and the need for revision.

The investigation decided:

- to resume publication of the monthly government employment series,
- to discontinue compilation of the civilian employees series and replace it with a quarterly survey of private employers asking for information on employment and wages and salaries. It will be about eighteen months before the survey is operative.

#### Job Vacancies

The ABS conducted sample surveys of employers by mail in March each year from 1974-1978. Quarterly surveys, designed for the collection of a limited amount of data by telephone from a relatively small sample of employers were introduced in May 1977, suspended in May 1978, and re-introduced in May 1979.

Job vacancies included are those of at least one day's duration which are available for immediate filling on the survey date and for which recruitment action has been taken by the employer. Excluded are vacancies available only to existing employees of the organisation. In this context the Australian Public Service and the Public Services of the States and the Northern Territory are treated as 'Organisations'. Also excluded are vacancies which are to be filled by employees returning from paid or unpaid leave or after industrial disputes; vacancies for work carried out under contract; and vacancies not available within the particular State or Territory to which the return relates.

Since the estimates are based on information obtained from a sample of employers, they are subject to sampling errors. The reliability of the estimates as measured by the 'standard error' is explained in the bulletin Job Vacancies, Australia (6231.0).

At Canberra persons aged 15 years and over are asked questions about their labour force participation, industry of employment and occupation. The answers allow detailed analysis of the labour force. This bulletin does not contain any census labour force tables - however, such tables are printed in A.S.2. census bulletins, or are available from computer printouts, microfiche, etc.

#### Key and Glossary Terms in Civilian Employment

The figures in the employment tables are based on data derived from the population censuses of 1971 and June 1976 and on other data from three main sources: (i) current payroll tax returns; (ii) current returns from government bodies; and (iii) some other direct current employment returns (e.g. for hospitals). The three current sources just specified cover most employment but a small unrecorded balance in the private sector has to be estimated.

- (i) were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or
- (ii) Unemployed persons who were aged 15 years and over who were not employed during the survey week, and
- (iii) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and:
- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and:
- (b) were employers or self-employed persons who had a job, business or farm, but were not at work.



LABOUR

TABLE 1. LABOUR FORCE SURVEY: CIVILIAN POPULATION AGED 15 YEARS AND OVER  
BY EMPLOYMENT STATUS, TASMANIA

Month	Employed	Unemployed			Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate (a)	Participation rate (b)
		Looking for full-time work	Looking for part-time work	Total					
	('000)								Per cent
MALES									
1978 - February	111.5	7.0	(c)	7.4	118.9	29.6	148.5	6.2	80.1
1979 - February	112.7	6.8		7.2	119.8	30.0	149.9	6.0	80.0
1980 - February	113.6	7.0		7.2	120.8	31.9	152.7	5.9	79.1
July	112.7	5.3		5.4	118.0	35.9	153.9	4.5	76.7
August	113.0	5.6		5.7	118.8	35.3	154.1	4.8	77.1
September	113.7	5.7		5.7	119.4	35.1	154.5	4.8	77.3
October	112.9	5.8		5.8	113.7	36.0	154.7	4.9	76.7
November	113.1	5.7		5.9	118.9	35.6	154.6	4.9	76.9
December	115.8	7.3		7.5	123.2	31.6	154.8	6.0	79.6
1981 - January	115.2	6.8		6.9	122.1	32.9	155.0	5.6	78.8
February	115.9	6.6		6.8	122.7	32.2	155.0	5.6	79.2
March	115.5	6.2		6.6	122.1	33.1	155.2	5.4	78.7
April	116.0	5.5		5.8	121.8	33.6	155.4	4.8	78.4
May	115.7	5.5		5.5	121.2	34.2	155.5	4.5	78.0
June	114.8	5.5	5.7	120.6	34.9	155.5	4.9	77.5	
July	113.0	7.6	7.8	120.7	34.9	155.6	6.4	77.6	
August	111.8	7.6	7.8	119.6	36.1	155.7	6.5	76.8	
FEMALES									
1978 - February	54.2	4.5	(c)	6.0	60.2	90.5	150.7	9.9	39.9
1979 - February	56.1	4.3	(c)	5.3	61.4	91.4	152.7	8.7	40.2
1980 - February	60.1	5.3	(c)	6.4	66.5	89.0	155.5	9.6	42.8
July	59.8	2.9	(c)	4.2	64.0	92.8	156.9	6.5	40.8
August	60.1	3.2	(c)	3.8	63.9	93.1	157.0	6.0	40.7
September	60.3	3.7	(c)	4.9	65.3	92.0	157.3	7.6	41.5
October	60.6	3.3	1.6	4.9	65.5	92.1	157.5	7.5	41.6
November	61.1	4.2	(c)	5.2	66.3	91.6	157.9	7.9	42.0
December	63.4	5.6	(c)	7.0	70.4	88.1	158.5	10.0	44.4
1981 - January	59.5	5.5	(c)	6.7	66.2	92.7	158.9	10.1	41.7
February	61.0	4.6	(c)	5.9	66.9	92.5	159.4	8.8	42.0
March	62.8	4.9	1.7	6.7	69.5	90.5	160.0	9.6	43.4
April	63.7	4.4	(c)	5.8	69.5	90.8	160.3	8.3	43.3
May	63.6	3.4	(c)	4.6	68.2	92.4	160.6	6.7	42.5
June	61.2	4.7	(c)	5.9	67.0	93.9	160.9	8.7	41.7
July	62.4	4.8	1.5	6.3	68.7	92.5	161.2	9.1	42.6
August	61.2	4.8	(c)	5.9	67.1	94.4	161.5	8.8	41.6
PERSONS									
1978 - February	165.7	11.5	1.8	13.4	179.1	120.1	299.2	7.5	59.8
1979 - February	168.7	11.2	(c)	12.5	181.2	121.4	302.6	6.9	59.9
1980 - February	173.8	12.3	(c)	13.6	187.3	120.9	308.2	7.2	60.8
July	172.5	8.2	(c)	9.5	182.0	128.8	310.8	5.2	58.6
August	173.1	8.8	(c)	9.5	182.6	128.5	311.1	5.2	58.7
September	174.0	9.4	(c)	10.7	184.7	127.1	311.8	5.8	59.2
October	173.4	9.0	1.7	10.7	184.2	128.0	312.2	5.8	59.0
November	174.2	9.9	(c)	11.1	185.3	127.2	312.5	6.0	59.3
December	179.1	12.9	1.6	14.5	193.6	119.7	313.4	7.5	61.8
1981 - January	174.7	12.2	(c)	13.6	188.3	125.6	313.9	7.2	60.0
February	176.9	11.3	1.5	12.8	189.6	124.8	314.4	6.7	60.3
March	178.3	11.1	2.2	13.3	191.6	123.5	315.1	6.9	60.8
April	179.7	9.9	1.7	11.6	191.2	124.4	315.6	6.1	60.6
May	179.4	8.9	(c)	10.1	189.5	126.6	316.1	5.3	59.9
June	176.0	10.2	(c)	11.6	187.6	128.8	316.4	6.2	59.3
July	175.4	12.4	1.7	14.0	189.4	127.3	316.8	7.4	59.8
August	173.0	12.4	(c)	13.7	186.7	130.5	317.2	7.3	58.9

(a) The unemployment rate is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed).

(b) The participation rate is the labour force expressed as a percentage of the civilian population aged 15 years and over.

(c) Subject to sampling variability too high for most practical purposes.

**Note:** Since the above estimates are based on sample they are subject to sampling errors. The reliability of the estimates as measured by the 'standard error' is outlined in the bulletin *The Labour Force*, catalogue no. 6203.0. The survey estimates are calculated so as to conform to the independently estimated distribution of the population age 15 years and over by age and sex. These benchmark data are derived from census and information about population changes.



TABLE 2. LABOUR FORCE SURVEY : EMPLOYED PERSONS BY INDUSTRY, TASMANIA  
( '000 )

Industry	Employed, August									
	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Agriculture and services to agriculture	15.0	15.5	16.6	15.1	12.9	11.9	11.8	11.3	10.0	11.2
Forestry, logging, fishing, hunting	2.3	2.4	2.2	1.8	2.1	1.9	2.1	3.1	2.2	3.4
Mining	5.1	4.8	4.7	5.1	4.8	4.3	2.6	3.5	4.6	4.8
Manufacturing	32.3	34.2	32.1	29.2	30.9	31.7	28.0	27.5	27.4	27.7
Food, beverages, tobacco	7.2	7.9	6.1	5.8	5.7	6.4	6.0	6.0	5.0	5.6
Metal products	5.9	5.9	6.1	5.3	4.9	5.0	6.1	6.2	5.6	5.7
Other manufacturing	19.2	20.4	19.9	18.1	20.2	20.3	15.9	15.3	16.8	16.4
Electricity, gas and water	4.1	3.4	4.1	4.2	4.0	4.1	3.5	3.6	3.7	3.5
Construction	15.6	14.3	14.2	14.4	14.1	16.5	15.3	15.2	15.1	14.2
Wholesale and retail trade	29.4	31.4	32.2	30.1	30.1	29.7	32.6	36.2	32.8	32.2
Wholesale trade	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	8.8	9.4	8.2	9.2
Retail trade	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	23.8	26.8	24.6	23.0
Transport and storage	7.1	8.0	9.2	8.7	7.9	8.5	9.2	8.8	8.4	7.5
Communication	3.0	3.0	3.4	4.1	3.5	3.7	3.4	4.3	3.8	4.5
Finance, property and business services	7.1	8.0	8.0	7.4	8.6	9.7	11.7	10.4	14.1	10.6
Public administration and defence	6.4	6.6	9.1	8.9	9.0	8.6	8.4	8.3	9.7	8.2
Community services	19.6	21.0	21.4	23.0	23.5	25.3	27.9	28.4	29.9	33.8
Recreation etc.	10.0	8.9	8.8	13.0	12.8	12.9	9.4	12.6	11.3	11.4
Total	157.1	161.6	165.9	165.0	164.2	168.7	165.9	173.2	173.1	173.0

Note: Since the above estimates are based on sample, they are subject to sampling errors. The reliability of the estimates as measured by the 'standard error' is outlined in the bulletin The Labour Force (6203.0).



LABOUR

TABLE 3. WAGE AND SALARY EARNERS IN CIVILIAN EMPLOYMENT: BY GOVERNMENT  
AND PRIVATE EMPLOYMENT, TASMANIA  
( '000)

Month	Government (a)				Private (b)	Total
	Local	State (c)	Federal (c)	Total		
MALES						
1975 - June	3.4	20.7	6.0	30.0	59.6	89.6
December	2.9	20.7	6.0	29.5	59.6	89.1
1976 - June	2.5	20.7	5.9	29.1	59.3	88.4
December	2.6	20.8	5.9	29.2	60.6	89.8
1977 - June	2.7	21.1	5.9	29.7	60.0	89.7
December	2.6	21.3	5.9	29.8	59.6	89.5
1978 - June	2.7	19.8	7.6	30.0	59.3	89.3
December	2.6	19.7	7.5	29.8	59.4	89.2
1979 - June	2.7	20.0	7.4	30.1	59.3	89.4
December	2.6	20.0	7.4	29.9	59.0	88.9
1980 - January	2.6	20.1	7.4	30.1	59.5	89.5
February	2.6	20.3	7.4	30.2	59.4	89.6
March	2.6	20.3	7.4	30.2	59.6	89.8
April	2.6	20.3	7.4	30.2	59.5	89.7
May	2.6	20.3	7.4	30.3		
June	2.6	20.4	7.3	30.3		
July	2.6	20.4	7.3	30.3		
August	2.6	20.4	7.3	30.3		
September	2.6	20.5	7.3	30.3		
October	2.6	20.5	7.3	30.4		
November	2.6	20.4	7.3	30.3		
December	2.6	20.4	7.3	30.3		
1981 - January	2.6	20.5	7.3	30.4		
February	2.6	20.6	7.4	30.6		
March	2.6	20.5	7.5	30.6		
April	2.6	20.4	7.4	30.5		
May	2.6	20.4	7.4	30.3		
June	2.6	20.2	7.3	30.2		
FEMALES						
1975 - June	0.5	13.6	2.1	16.2	29.7	45.9
December	0.5	13.8	2.1	16.3	29.2	45.6
1976 - June	0.4	14.3	2.1	16.8	29.0	45.9
December	0.5	14.4	2.1	16.9	30.0	46.9
1977 - June	0.4	14.9	2.1	17.4	29.5	46.9
December	0.5	15.0	2.1	17.7	29.8	47.5
1978 - June	0.5	15.7	2.2	18.4	29.3	47.6
December	0.5	15.5	2.2	18.2	29.6	47.8
1979 - June	0.5	15.9	2.3	18.7	29.8	48.5
December	0.5	16.1	2.3	19.0	29.7	48.7
1980 - January	0.5	15.9	2.4	18.8	29.4	48.2
February	0.5	16.1	2.4	19.0	29.4	48.4
March	0.5	16.3	2.4	19.2	29.7	48.9
April	0.5	16.4	2.4	19.3	29.8	49.0
May	0.5	16.4	2.4	19.3		
June	0.5	16.3	2.3	19.1		
July	0.5	16.2	2.3	19.1		
August	0.5	16.3	2.3	19.2		
September	0.5	16.4	2.4	19.3		
October	0.5	15.8	2.3	18.7		
November	0.5	15.8	2.3	18.7		
December	0.5	16.0	2.4	18.9		
1981 - January	0.5	15.8	2.4	18.7		
February	0.5	16.0	2.4	19.0		
March	0.6	16.0	2.4	18.9		
April	0.5	16.1	2.4	19.0		
May	0.5	16.3	2.4	19.2		
June	0.5	16.0	2.3	18.8		



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TABLE 3. WAGE AND SALARY EARNERS IN CIVILIAN EMPLOYMENT: BY GOVERNMENT AND  
PRIVATE EMPLOYMENT, TASMANIA - continued  
('000)

Month	Government (a)				Private (b)	Total
	Local	State (c)	Federal (c)	Total		
PERSONS						
1975 - June	3.8	34.3	8.1	46.2	89.3	135.6
December	3.3	34.4	8.1	45.9	88.8	134.7
1976 - June	2.9	35.1	8.0	46.0	88.3	134.3
December	3.1	35.1	7.9	46.1	90.6	136.7
1977 - June	3.2	36.0	7.9	47.0	89.5	136.6
December	3.1	36.4	8.0	47.5	89.5	137.0
1978 - June	3.1	35.5	9.8	48.4	88.6	137.0
December	3.1	35.2	9.7	48.0	89.0	137.0
1979 - June	3.2	35.9	9.7	48.8	89.1	137.9
December	3.1	36.1	9.7	48.9	88.7	137.6
1980 - January	3.1	36.0	9.8	48.9	88.9	137.7
February	3.1	36.3	9.7	49.2	88.9	138.1
March	3.1	36.6	9.7	49.4	89.2	138.7
April	3.1	36.7	9.8	49.5	89.3	138.8
May	3.1	36.7	9.7	49.5		
June	3.1	36.7	9.7	49.4		
July	3.1	36.6	9.7	49.4		
August	3.1	36.7	9.6	49.5		
September	3.1	36.9	9.7	49.6		
October	3.1	36.3	9.7	49.0		
November	3.1	36.2	9.6	48.9		
December	3.1	36.3	9.7	49.1		
1981 - January	3.2	36.3	9.7	49.2		
February	3.2	36.6	9.8	49.5		
March	3.2	36.5	9.8	49.5		
April	3.2	36.5	9.8	49.5		
May	3.2	36.6	9.7	49.5		
June	3.1	36.2	9.7	49.0		

- (a) Includes employees, within Tasmania, of government bodies (Federal, State, local and semi-government) on services such as railways, tramways, banks, post offices, air transport, education (including universities), broadcasting, television, police, public works, factories and munitions establishments, departmental hospitals and institutions, migrant hostels, etc., as well as administrative employees. Excludes State and local government employees engaged in rural industry, or in private homes as employees of government emergency housekeeper services. Also excludes defence forces.
- (b) For private employees April 1980 statistics are the latest available. The series has been discontinued.
- (c) Includes semi-government bodies.



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TABLE 4. JOB VACANCIES (a), TASMANIA ('000)

Third Friday of the month	Total	Males	Females	Males or females	Private	Government
1979 -						
May	(b) 0.7	0.3	(c)	(c)	0.3	(c)
August	(b) 0.6	0.2	(c)	0.2	0.2	(c)
November	0.9	0.3	(b) 0.1	(b) 0.6	(b) 0.2	(c)
1980 -						
February	(b) 1.0	0.3	(b) 0.2	(b) 0.4	(b) 0.4	(c)
May	0.8	0.3	(b) 0.1	(b) 0.4	(b) 0.3	(b) 0.5
August	1.0	(c)	(c)	(b) 0.5	(b) 0.5	(b) 0.5
November	0.8	0.3	(c)	(b) 0.4	(b) 0.4	(b) 0.4
1981 -						
February	0.6	0.2	(b) 0.1	(b) 0.3	(b) 0.2	0.4
May (d)	0.5	(b) 0.2	(c)	(b) 0.2	(b) 0.2	(b) 0.3

(a) For definitions see page 2.

(b) Standard error greater than 20 per cent but less than 30 per cent.

(c) Subject to sampling variability too high for most practical purposes.

(d) Estimates from reselected sample from updated lists of payroll taxpayers and government organisations. Care should be taken when comparing with previous figures.

TABLE 4. INDUSTRIAL DISPUTES: ALL INDUSTRY GROUPS, TASMANIA (a)

Period	Disputes	Workers involved (collective and individual)	Working days lost	Estimated loss in wages
1980	21	2.3	21.2	2.200
1979	31	21.7	29.8	2.175
1978	46	21.1	22.4	1.324
1977	29	7.3	28.7	2.028
1976	27	20.9	22.2	1.292
1975	27	26.1	40.4	1.008
1974	20	7.8	21.7	2.040
1973 - September	20	7.8	21.7	2.040
1972 - December	2	1.1	2.4	2.2
1971 - March	12	1.9	7.9	2.20
1970 - June	11	2.1	11.0	2.10
1969 - September	11	4.4	20.8	1.078
1968 - December	16	2.1	22.8	2.412

(a) Statistics relate only to disputes involving stoppage of work of 10 or more workers.



# TRADE UNIONS AND INDUSTRIAL DISPUTES

## SCOPE, DEFINITIONS AND EXPLANATORY NOTES

### Trade Unions

The figures shown in this section are prepared from a special collection of the membership of trade unions at 31 December each year. 'Proportion of total wage and salary earners' shows approximate percentages of wage and salary earners in employment who were members of trade unions.

### Revision of Series

Many of the figures previously published for the period 1969 to 1979 have been revised. The published number of reporting trade unions varies from year to year as a result of mergers, amalgamations, unions ceasing to exist, new unions forming, existing organisations changing their status to bring them into scope of the collection and existing unions reporting for the first time. In the past, when organisations were first identified as being or having become trade unions membership figures were not always obtained for earlier periods. During a recent review of trade union statistics missing information was obtained from organisations back to 1969. In addition a number of organisations not previously counted as trade unions have been included in the statistics.

### Industrial Disputes

Statistics relating to industrial disputes refer only to disputes of 10 man-days or more. Workers indirectly involved are those employees who, although not parties to the dispute, are thrown out of work at the establishment where the stoppage occurred. The figures exclude details relating to workers thrown out of work at establishments other than those where the stoppages occurred.

Industrial dispute statistics are compiled from: (i) direct collections from employers and trade unions; (ii) reports of government departments and other authorities; (iii) state and federal authorities; and (iv) trade journals, trade union and employer publications and newspaper reports. Particulars of some stoppages may be estimated; therefore the statistics should be regarded as giving a broad measure of the extent of work stoppages. Disputes not settled at the end of the year are included as new disputes in the figures of the following year. A dispute involving workers in more than one industry group is counted once only in the item 'Number of disputes' and is included in the industry group with the largest number of workers involved. However, workers involved, working days lost and estimated loss in wages and salaries are allocated to their respective industries.

TABLE 5. TRADE UNIONS: NUMBER AND MEMBERSHIP, TASMANIA (a)

At 31 December	Separate unions	Members	Increase in membership (b)	Proportion of total wage and salary earners
	no.	'000	per cent	per cent
1969	116	68.7	3.0	53
1970	119	72.3	5.2	55
1971	115	74.1	2.5	56
1972	112	79.1	6.7	59
1973	118	82.1	3.8	60
1974	123	87.0	6.0	63
1975	122	86.0	- 1.1	61
1976	120	85.5	- 0.6	61
1977	122	90.2	5.5	63
1978	123	88.9	- 1.4	63
1979	120	88.1	- 0.9	(c) 61
1980	120	88.4	0.3	(c) 60

(a) See note 'Revision of Series' above.

(b) On preceding year.

(c) Based on estimates of employees from the labour force survey owing to the suspension of the civilian employees series as from April 1980.

TABLE 6. INDUSTRIAL DISPUTES: ALL INDUSTRY GROUPS, SUMMARY, TASMANIA (a)

Period	Disputes	Workers involved (directly and indirectly)	Working days lost	Estimated loss in wages
	no.	'000	'000	\$'000
1975	57	20.1	40.6	1 008
1976	43	30.9	62.2	1 793
1977	39	7.9	26.7	928
1978	46	17.1	35.4	1 356
1979	53	21.1	59.8	2 276
1980	52	9.6	91.5	4 390
Quarter -				
1979 - September	20	7.4	21.7	846
December	r 9	1.3	5.4	233
1980 - March	12	1.7	7.9	330
June	11	2.1	11.0	570
September	17	4.4	20.8	1 078
December	18	3.2	51.8	2 412

(a) Statistics relate only to disputes involving stoppages of work of 10 man-days or more.



TRADE UNIONS AND INDUSTRIAL DISPUTES

TABLE 7. INDUSTRIAL DISPUTES BY INDUSTRY DIVISION AND SUB-DIVISION, TASMANIA (a)

ASIC division or sub-division	Disputes		Workers involved (directly and indirectly)		Working days lost		Estimated loss in wages	
	1979	1980	1979	1980	1979	1980	1979	1980
	no.	no.	'000	'000	'000	'000	\$'000	\$'000
Agriculture, forestry, fishing and hunting .. .. .	-	-	-	-	-	-	-	-
Mining .. .. .	13	17	3.8	5	19.9	70.6	813	3 397
Manufacturing -								
Food, beverages and tobacco .. ..	1	5	0.6	1.5	1.3	4.7	47	189
Textiles, clothing and footwear .. ..	-	-	0.2	-	0.5	-	17	-
Wood, wood products and furniture ..	1	3	0.3	0.2	0.9	0.5	33	18
Paper and paper products, printing and publishing .. .. .	3	2	1.2	0.2	5.6	2.8	224	162
Metal products, machinery and equipment	6	3	4.2	0.4	15.4	0.5	550	20
Other manufacturing .. .. .	2	1	0.4	-	1.0	0.2	35	9
Total manufacturing .. .. .	13	14	6.9	2.3	24.7	8.6	906	399
Electricity, gas and water .. .. .	6	6	0.5	1.2	3.7	7.7	155	407
Construction .. .. .	3	1	1.7	-	2.9	0.1	99	5
Wholesale and retail trade .. .. .	2	5	0.5	0.4	0.5	4.0	15	155
Transport and storage, communication -								
Road transport; other transport and storage; communication .. .. .	5	1	2.5	-	3.0	-	101	-
Railway transport; air transport ..	3	2	1.1	0.3	2.6	0.2	91	6
Water transport -								
Stevedoring services .. .. .	2	1	0.6	-	1.1	-	40	-
Water transport (except stevedoring services) .. .. .	-	3	-	0.2	-	0.2	-	12
Total transport and storage; communication .. .. .	10	7	4.2	0.6	6.7	0.3	233	19
Entertainment, recreation, restaurants, hotels and personal services .. ..	-	-	0.2	-	0.1	-	4	-
Other industries .. .. .	6	2	3.3	0.1	1.4	0.2	50	9
Total .. .. .	53	52	21.1	9.6	59.8	91.5	2 276	4 390

(a) Statistics relate only to disputes involving stoppages of work of 10 man-days or more at the establishments where the stoppages occurred.



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TABLE 8. METHOD OF SETTLEMENT OF INDUSTRIAL DISPUTES : ALL INDUSTRY GROUPS, TASMANIA (a)

Method of settlement	1975	1976	1977	1978	1979	1980
NUMBER OF DISPUTES (b)						
Private negotiation .. .. .	15	18	13	11	10	22
Mediation not based on legislation .. ..	-	1	1	-	-	1
State legislation -						
Under State conciliation, etc. legislation ..	3	2	3	3	4	1
Reference to State Government officials ..	-	-	-	-	-	-
Federal and joint federal-state legislation -						
Industrial tribunals under -						
Conciliation and Arbitration Act .. ..	8	7	6	5	9	7
Coal industry acts .. .. .	-	-	-	-	-	-
Stevedoring Industry Act .. .. .	-	-	-	-	-	-
Other .. .. .	-	-	-	-	-	-
Reference to Federal Government officials ..	-	-	-	-	-	-
Filling the spaces of workers on strike or locked out .. .. .	1	-	-	-	-	-
Resumption without negotiation .. .. .	30	15	16	27	30	18
Total .. .. .	57	43	39	46	53	49
WORKERS INVOLVED (DIRECTLY AND INDIRECTLY) ('000)						
Private negotiation .. .. .	2.6	2.5	3.1	1.7	2.3	4.4
Mediation not based on legislation .. ..	-	0.2	0.1	-	-	0.7
State legislation -						
Under State conciliation, etc. legislation ..	0.1	1.2	0.6	1.0	0.4	0.9
Reference to State Government officials ..	-	-	-	-	-	-
Federal and joint federal-state legislation -						
Industrial tribunals under -						
Conciliation and Arbitration Act .. ..	5.3	1.0	0.5	0.5	0.8	1.1
Coal industry acts .. .. .	-	-	-	-	-	-
Stevedoring Industry Act .. .. .	-	-	-	-	-	-
Other acts .. .. .	-	-	-	-	-	-
Reference to Federal Government officials ..	-	-	-	-	-	-
Filling the spaces of workers on strike or locked out .. .. .	-	-	-	-	-	-
Resumption without negotiation .. .. .	12.0	26.1	3.7	13.6	17.7	2.5
Total .. .. .	20.1	30.9	7.9	17.1	21.1	9.5
WORKING DAYS LOST ('000)						
Private negotiation .. .. .	6.4	13.4	16.0	7.0	13.5	72.8
Mediation not based on legislation .. ..	-	0.9	0.4	-	-	2.1
State legislation -						
Under State conciliation, etc. legislation ..	0.7	15.8	1.7	6.6	3.3	2.7
Reference to State Government officials ..	-	-	-	-	-	-
Federal and joint federal-state legislation -						
Industrial tribunals under -						
Conciliation and Arbitration Act .. ..	26.1	5.1	3.7	1.7	7.1	6.2
Coal industry acts .. .. .	-	-	-	-	-	-
Stevedoring Industry Act .. .. .	-	-	-	-	-	-
Other acts .. .. .	-	-	-	-	-	-
Reference to Federal Government officials ..	-	-	-	-	-	-
Filling the spaces of workers on strike or locked out .. .. .	-	-	-	-	-	-
Resumption without negotiation .. .. .	7.4	27.0	4.9	20.1	35.8	7.4
Total .. .. .	40.6	62.2	26.7	35.4	59.8	91.2

(a) The statistics relate only to disputes involving stoppages of work of 10 man-days or more at the establishments where the stoppages occurred.

(b) Disputes settled in any one particular year.



# WAGES AND HOURS

## SCOPE, DEFINITIONS AND EXPLANATORY NOTES

### October Weekly Earnings and Hours Surveys

**General:** The first survey of weekly earnings and hours was conducted by the Australian Bureau of Statistics in October 1962. Subsequent surveys have been conducted each year for a specified pay-period in October, or where abnormal circumstances affected the specified October pay-period, for the nearest normal pay-period. The survey is based on a stratified random sample representing most employers paying payroll tax (i.e. those paying more than \$5 000 monthly in wages and salaries at the 1980 October Survey). The following are excluded from the survey: (i) employees in rural industry and private domestic service; and (ii) employees of religious, benevolent and similar organisations. Employees of government and semi-government authorities were included in the survey for the first time in October 1972. Waterside workers, if hired under the permanent employment scheme, are included; however, when employed on a casual basis they are excluded. The industrial classification used for all surveys, except the 1962, 1974 and later surveys, is that used for the 1961 and 1966 population censuses; for 1974 and subsequent surveys the Australian Standard Industrial Classification (ASIC) 1969 version was used. Only broad general comparisons can be made between the 1971 results and subsequent surveys. The October 1965 survey was a special purpose survey, restricted to weekly earnings of full-time adult males.

**Scope of Information:** In addition to obtaining data for the calculation of average weekly earnings, average weekly hours paid for, and average hourly earnings, the October surveys obtained information on overtime and ordinary time earnings and hours for full-time employees (other than managerial, etc. staff). Figures of average overtime earnings and average overtime hours are the averages for all employees (in the specified category) represented in the survey whether or not they worked overtime. The survey figures do not show the average overtime earnings or hours of only those employees who worked overtime. Average weekly earnings, hours paid for and average hourly earnings are shown for adult and junior males and females.

**Comparability of Results:** The following are the main factors affecting comparability of survey results: (i) allocation of employees between 'managerial, executive, professional and higher supervisory staff' and 'all other full-time employees' depends upon the employers' interpretation of the definitions; (ii) in the 1962, 1963 and 1964 surveys, employees whose hours of work were not known were reported in managerial, etc. but in the 1966, 1967 and 1968 surveys, employers were asked to report these employees in their correct classification; (iii) sampling variability; (iv) the different industrial classification used for the 1962 surveys; and (v) inclusion of employees in non-government hospitals not subject to payroll tax and of government and semi-government authority employees (previously excluded) from 1972. For results of surveys prior to October 1975 see earlier issues of this bulletin.

- Definitions:**
- (i) **Employees:** male and female employees who worked during the survey pay-period in October.
  - (ii) **Adults:** all employees 21 years of age and over and employees under 21 receiving the adult rate for their occupations.
  - (iii) **Juniors:** employees under 21 not paid at the adult rate for their occupation.
  - (iv) **Full-time employees:** those employees who normally work 30 hours or more a week and received pay in the survey pay-period in October.
  - (v) **Part-time employees:** those employees who normally work less than 30 hours a week and received pay in the survey pay-period in October.
  - (vi) **Other than managerial, etc. staff:** comprises minor supervisory employees, leading hands, clerical and office staff and ordinary wage employees. It excludes 'managerial, etc. staff' who were not further defined.
  - (vii) **Weekly earnings:** gross earnings, before taxation and other deductions have been made, for the survey pay-period in October. Includes overtime earnings, shift allowances, penalty rates, commission and similar payments and that part of sick, annual or long service leave taken during the specified pay-period. Includes one week's proportion of payments made on other than a weekly basis. Retrospective payments are excluded.
  - (viii) **Overtime earnings:** that part of gross weekly earnings for hours paid for in excess of award, standard, or agreed hours of work.
  - (ix) **Ordinary time earnings:** that part of gross weekly earnings paid for award, standard or agreed hours of work. Includes shift allowances, penalty rates, commissions, bonuses, incentive payments and that part of paid annual or other leave relating to these hours.
  - (x) **Weekly man-hours paid for:** sum of man-hours for which payment was made. Includes ordinary time hours, overtime hours, paid standby or reporting time and that part of paid annual, sick or long service leave and paid holidays taken during the specified week.
  - (xi) **Overtime hours:** hours in excess of award, standard or agreed hours of work.
  - (xii) **Ordinary time hours:** award, standard or agreed hours of work. Includes man-hours of standby or reporting time which are part of standard hours of work and that part of paid annual, sick and long service leave taken during the specified week.

### Average Weekly Earnings per Employed Male Unit

The figures relate to civilians only. They are derived from particulars of employment and wages and salaries recorded on payroll tax returns, from other direct collections and from estimates of the unrecorded balance. Particulars of wages and salaries for males and females separately are not available from payroll tax returns. Average weekly earnings are calculated in terms of 'male units', that is, for calculating the Tasmanian average the divisor is male employees plus a percentage of female employees which varies during each year. At the end of the June quarter 1981 it was 64 per cent. This proportion was derived from the estimated ratio of female to male earnings in Tasmania. Quarterly figures are subject to seasonal influences; special payments, bonuses and prepayments for holidays tend to raise December quarter figures and depress March quarter figures.



## LABOUR, WAGES AND PRICES, 1980-81

These figures are not comparable with those derived from the annual October Survey of Weekly Earnings and Hours (see preceding section 'Weekly Earnings and Hours'). Average weekly earnings per employed male unit are estimates of the actual average weekly earnings of all wage earners and salaried employees.

### Weighted Average Minimum Weekly and Hourly Wage Rates

Wage rates used to compile the index are the minimum rates prescribed for particular occupations in federal or state awards and in registered (and in some cases unregistered) agreements. For some occupations, general loadings are included; however, loadings not applicable to all workers in a specified award occupation are excluded from the wage rates. The rates are normally referred to as 'weighted average minimum weekly rates'.

The minimum wage rates used in compilation of the indexes are for representative occupations within each industry. They are derived from representative awards, determinations and agreements in force at the end of each period.

Indexes are based on the occupational structure existing in 1954. The appropriate weights were derived from sample surveys made in that year. Occupations in new or expanding industries are normally covered by existing awards. However, when a new award is made to cover a new industry this award is incorporated into the index if the number of employees warrants such action. The occupations included in the indexes are therefore representative of the current situation and are comparable over a long period.

The amounts should not be regarded as actual current averages but as indexes expressed in money and hour terms, indicative of trends. The amounts do not measure the relative level of wage rates or hours as between states.

**Invalid Comparison:** The 'weighted average minimum weekly wage rates' are not comparable with 'average weekly earnings per employed male unit'. For an explanation of the latter concept see the previous section.

**Federal Awards, etc.:** Includes awards of, or agreements registered with, the Australian Conciliation and Arbitration Commission and determinations of the Australian Public Service Arbitrator.

**State Awards, etc.:** Includes awards or determinations of, or agreements registered with, the Tasmanian Industrial Boards (Tasmanian Wages Boards prior to 1976) and the Tasmanian Public Service Board.

### Basic Wages

The concept of a 'basic' or 'living' wage was common to wage rates determined by industrial authorities in Australia before an award of the Federal Conciliation and Arbitration Commission in June 1967 introduced the 'total wage' concept. (Tasmanian State Industrial Boards, however, have retained the basic wage in their determinations.)

### Total Wages

The June 1967 decision handed down by the Federal Conciliation and Arbitration Commission abolished the concept of the basic wage in federal awards. The basic wage and margins were replaced by a 'total wage' which became operative from the first pay-period commencing on or after 1 July 1967. The 'minimum wage' concept (see following section) introduced by the Commission in July 1966 was retained.

### Minimum Wages

In its July 1966 decision, the Commission ordered that the 'minimum wage' paid under the Metal Trades Award should include a margin of \$3.75 above the appropriate basic wage. The minimum wage was expressed as a total wage. In July 1967 Tasmanian Wages Boards adopted a similar concept.



## WAGES AND HOURS

## OCTOBER WEEKLY EARNINGS AND HOURS SURVEYS

TABLE 9. AVERAGE WEEKLY ORDINARY TIME, OVERTIME EARNINGS AND HOURS (a) PRIVATE AND TOTAL EMPLOYMENT FOR FULL-TIME EMPLOYEES (OTHER THAN MANAGERIAL, ETC. STAFF) (b): ALL INDUSTRIES (c), TASMANIA

Survey pay-period in October (d)	Males				Females			
	Adults		Juniors		Adults		Juniors	
	Weekly earnings (\$)	Average hours paid for	Weekly earnings (\$)	Average hours paid for	Weekly earnings (\$)	Average hours paid for	Weekly earnings (\$)	Average hours paid for
PRIVATE EMPLOYMENT: AVERAGE WEEKLY ORDINARY TIME EARNINGS AND HOURS PAID FOR								
1975	140.10	38.6	82.40	38.7	115.50	37.7	75.60	38.8
1976	160.40	38.8	96.20	39.1	132.20	38.5	85.20	39.0
1977	183.30	38.6	104.20	39.2	150.40	38.3	98.40	39.0
1978	190.60	38.4	109.90	39.1	155.80	37.8	99.60	38.8
1979	216.00	39.0	122.80	39.0	173.70	38.6	106.30	39.0
1980	240.90	38.7	130.20	38.9	189.00	38.6	121.50	39.3
PRIVATE EMPLOYMENT: AVERAGE WEEKLY OVERTIME EARNINGS AND HOURS PAID FOR								
1975	13.40	2.3	3.40	0.9	3.40	0.7	2.40	0.7
1976	15.20	2.3	3.90	0.9	4.00	0.7	2.40	0.7
1977	14.10	1.9	3.80	0.9	2.80	0.5	1.80	0.5
1978	16.80	2.1	5.00	1.1	3.90	0.6	2.50	0.7
1979	17.50	2.0	5.90	1.1	2.30	0.3	2.10	0.5
1980	28.70	2.8	10.20	1.9	5.30	0.7	5.40	1.1
PRIVATE EMPLOYMENT: AVERAGE WEEKLY TOTAL EARNINGS AND HOURS PAID FOR								
1975	153.50	40.9	85.80	39.7	118.70	38.4	77.90	39.5
1976	175.60	41.1	100.10	40.0	136.20	39.2	87.70	39.7
1977	197.50	40.5	108.00	40.0	153.20	38.8	100.20	39.5
1978	207.40	40.5	114.90	40.2	159.70	38.4	102.10	39.5
1979	233.50	41.0	128.70	40.1	176.00	38.9	108.40	39.5
1980	269.60	41.5	140.40	40.8	194.50	39.3	121.50	40.4
TOTAL (PRIVATE AND GOVERNMENT) EMPLOYMENT: AVERAGE WEEKLY ORDINARY TIME EARNINGS AND HOURS PAID FOR								
1975	149.50	38.4	83.20	38.4	135.40	37.3	80.10	38.4
1976	170.10	38.5	97.70	39.0	152.10	37.9	91.10	38.8
1977	191.80	38.3	106.60	39.0	165.00	37.6	104.50	38.8
1978	200.30	38.2	113.30	38.9	181.50	37.4	108.00	38.6
1979	222.30	38.6	124.80	38.8	198.10	37.8	117.90	38.7
1980	248.90	38.6	136.00	38.7	220.80	37.9	125.40	38.8
TOTAL (PRIVATE AND GOVERNMENT) EMPLOYMENT: AVERAGE WEEKLY OVERTIME EARNINGS AND HOURS PAID FOR								
1975	11.10	1.9	3.00	0.8	2.70	0.5	2.30	0.7
1976	12.80	1.9	3.50	0.8	3.00	0.5	2.10	0.6
1977	11.50	1.5	3.80	0.9	2.20	0.3	1.60	0.4
1978	14.10	1.7	4.30	1.0	2.60	0.4	2.10	0.5
1979	14.40	1.6	4.90	0.9	1.90	0.2	1.70	0.4
1980	21.90	2.2	8.60	1.6	3.60	0.4	4.20	0.8
TOTAL (PRIVATE AND GOVERNMENT) EMPLOYMENT: AVERAGE WEEKLY TOTAL EARNINGS AND HOURS PAID FOR								
1975	160.60	40.3	86.20	39.3	138.10	37.8	82.40	39.1
1976	182.90	40.4	101.20	39.8	155.10	38.4	93.20	39.4
1977	203.30	39.8	110.40	39.9	167.10	38.0	106.20	39.2
1978	214.50	40.0	117.60	39.9	184.10	37.8	110.20	39.1
1979	236.70	40.2	129.80	39.7	200.00	38.0	119.50	39.1
1980	270.70	40.8	144.60	40.3	224.40	38.4	129.60	39.6

- (a) Average overtime and ordinary time earnings and hours are averages for all employees represented in the surveys, whether or not they worked overtime.  
 (b) Excludes managerial, executive, professional and higher supervisory staff.  
 (c) Excludes rural industry and private domestic service.  
 (d) Before 1978, the last pay-period in October.

NOTE: The estimates on this page are based on sample and are subject to sampling errors. The reliability of the estimates as measured by 'standard error' is outlined in the bulletin Earnings and Hours of Employees (Catalogue no. 6304.0).



LABOUR, WAGES AND PRICES, 1980-81

TABLE 10. AVERAGE WEEKLY EARNINGS, PRIVATE EMPLOYMENT,  
FULL-TIME MANAGERIAL, EXECUTIVE, ETC. STAFF (a) : MALES, TASMANIA  
(\$)

Survey pay-period in October (b)	Manufacturing	Non-manufacturing (c)	All industries (c)	
			Amount	Percentage increase (d)
1975	227.50	205.60	213.10	17.3
1976	259.30	242.40	247.90	16.3
1977	279.70	269.70	272.90	10.1
1978	310.70	278.70	291.20	6.7
1979	335.70	313.20	321.90	10.5
1980	366.00	332.70	344.00	6.9

- (a) Private employees only. Includes managerial, executive, professional and higher supervisory staff. The allocation between 'Managerial, executive, professional and higher supervisory staff' and 'All other full-time employees' depends upon the employers' interpretation of the definitions.  
 (b) Before 1978, the last pay-period in October.  
 (c) Excludes rural industry and private domestic service.  
 (d) Over previous year.

TABLE 11. AVERAGE WEEKLY EARNINGS AND HOURS PAID FOR (a) TOTAL (PRIVATE AND GOVERNMENT) EMPLOYMENT,  
FULL-TIME EMPLOYEES (OTHER THAN MANAGERIAL, ETC. STAFF) (b): ADULT MALES BY INDUSTRIES (c), TASMANIA

Survey pay-period in October (d)	Manufacturing						Non-manufacturing		All industries	
	Metal products machinery and equipment		Other		Total manufacturing					
	Weekly earnings (\$)	Average hours paid for	Weekly earnings (\$)	Average hours paid for	Weekly earnings (\$)	Average hours paid for	Weekly earnings (\$)	Average hours paid for	Weekly earnings (\$)	Average hours paid for
AVERAGE WEEKLY ORDINARY TIME EARNINGS AND HOURS PAID FOR										
1975	156.00	38.9	132.70	38.6	140.10	38.7	153.70	38.2	149.50	38.4
1976	171.70	39.5	156.40	38.7	161.10	38.9	174.20	38.3	170.10	38.5
1977	199.90	36.8	176.00	39.0	184.20	38.2	195.50	38.3	191.80	38.3
1978	194.40	38.2	185.20	38.7	187.70	38.6	205.40	38.1	200.30	38.2
1979	219.60	38.5	208.50	39.2	211.80	39.0	226.70	38.4	222.30	38.6
1980	263.70	38.8	229.60	39.0	239.90	39.0	252.70	38.4	248.90	38.6
AVERAGE WEEKLY OVERTIME EARNINGS AND HOURS PAID FOR										
1975	13.20	2.3	11.90	2.2	12.30	2.3	10.50	1.7	11.10	1.9
1976	13.40	1.9	13.20	2.1	13.30	2.0	12.60	1.9	12.80	1.9
1977	17.80	2.3	13.50	1.9	15.00	2.0	9.80	1.3	11.50	1.5
1978	21.20	2.5	19.70	2.6	20.10	2.6	11.80	1.4	14.10	1.7
1979	21.40	2.4	18.90	2.2	19.60	2.3	12.20	1.3	14.40	1.6
1980	36.50	3.5	25.10	2.6	28.60	2.9	19.00	1.9	21.90	2.2
AVERAGE WEEKLY TOTAL EARNINGS AND HOURS PAID FOR										
1975	169.20	41.2	144.70	40.8	152.40	41.0	164.20	39.9	160.60	40.3
1976	185.10	41.4	169.60	40.8	174.30	41.0	186.80	40.2	182.90	40.4
1977	217.70	39.1	189.50	40.8	199.20	40.2	205.30	39.6	203.30	39.8
1978	215.70	40.8	204.80	41.3	207.80	41.2	217.10	39.5	214.50	40.0
1979	241.00	40.9	227.40	41.4	231.40	41.3	238.80	39.8	236.70	40.2
1980	300.20	42.3	254.70	41.6	268.50	41.8	271.70	40.3	270.70	40.8

- (a) Average overtime and ordinary time earnings and hours are averages for all employees represented in the surveys, whether or not they worked overtime.  
 (b) Excludes managerial, executive, professional and higher supervisory staff.  
 (c) Excludes rural industry and private domestic service.  
 (d) Before 1978, the last pay-period in October.

NOTE: The estimates on this page are based on sample and are subject to sampling errors. The reliability of the estimates as measured by 'standard error' is outlined in the bulletin Earnings and Hours of Employees (Catalogue no. 6304.0).



WAGES AND HOURS

AVERAGE WEEKLY EARNINGS PER EMPLOYED MALE UNIT

TABLE 12. AVERAGE WEEKLY EARNINGS PER EMPLOYED MALE UNIT: ORIGINAL SERIES, TASMANIA (a)  
(\$)

Year	Quarter ending -				Average for year	Year	Quarter ending -				Average for year
	Sept.	Dec.	Mar.	June			Sept.	Dec.	Mar.	June	
1973-74	102.40	(b)117.20	101.60	121.10	110.60	1977-78	195.90	204.80	194.00	201.10	199.00
1974-75	127.80	146.70	135.30	151.40	140.30	1978-79	205.50	214.50	208.50	217.80	211.60
1975-76	150.30	164.70	151.20	165.10	157.80	1979-80	229.30	239.70	235.40	247.30	237.90
1976-77	175.60	188.70	175.10	185.50	181.20	1980-81	262.10	288.00	255.30	278.40	271.00

PERCENTAGE INCREASE (c)

1979-80	11.6	11.7	12.9	13.5	12.4	1980-81	14.3	20.5	8.5	12.6	13.9
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- (a) Not comparable with average weekly earnings details given in the previous section 'October Weekly Earnings and Hours Surveys'. See explanatory notes on pages 11 and 12 for method of calculation from payroll tax returns.  
(b) Affected by increased holiday prepayments to teachers and retrospective State Public Service increases as well as normal seasonal influences.  
(c) Over corresponding quarter of previous year, or over previous year, as appropriate.

TABLE 13. AVERAGE WEEKLY EARNINGS FOR EMPLOYED MALE UNIT: SEASONALLY ADJUSTED SERIES, TASMANIA (a)  
(\$)

Year	Quarter ending -				Year	Quarter ending -			
	Sept.	Dec.	Mar.	June		Sept.	Dec.	Mar.	June
1973-74	104.90	(b)110.60	108.10	119.80	1977-78	193.80	196.40	201.80	203.80
1974-75	131.00	(c)137.70	(c)144.40	149.60	1978-79	206.20	206.00	217.80	219.60
1975-76	151.80	154.60	156.20	167.10	1979-80	227.70	232.40	241.40	253.80
1976-77	176.40	178.50	183.70	187.70	1980-81	260.40	267.20	274.80	280.40

PERCENTAGE INCREASE OVER CORRESPONDING QUARTER OF PREVIOUS YEAR

1979-80	10.4	12.8	10.8	15.6	1980-81	14.4	15.0	13.8	10.5
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- (a) See explanatory notes on pages 11 and 12.  
(b) Affected by increased holiday prepayments to teachers and retrospective State Public Service increases.  
(c) Adjusted to allow for prepayments normally made to State Government employees in December quarter but held over until March quarter.

NOTE: The estimates above are based on sample and are subject to sampling errors. The reliability of the estimates as measured by 'standard error' is outlined in the bulletin Earnings and Hours of Employees (Catalogue no. 6304.0).

WEIGHTED AVERAGE MINIMUM WEEKLY AND HOURLY WAGE RATES

TABLE 14. WEIGHTED AVERAGE MINIMUM WEEKLY WAGE RATES, FEDERAL AND STATE AWARDS: ADULT MALES, TASMANIA (a)  
(\$)

End of -	Federal awards, etc.	State awards, etc.	All awards, etc.	End of -	Federal awards, etc.	State awards, etc.	All awards, etc.
1939 - December	9.02	9.52	9.22	1980 - June	177.83	172.81	176.29
1945 - December	11.28	11.97	11.56	July	185.46	180.02	183.82
1955 - December	28.75	30.27	29.36	August	185.80	180.10	184.08
1960 - December	34.87	35.62	35.15	September	186.03	180.28	184.30
1965 - December	40.21	41.52	40.73	October	186.48	180.28	184.60
1970 - December	53.61	55.84	54.49	November	186.58	180.34	184.69
1975 - December	118.23	115.09	r 117.11	December	186.58	180.34	184.69
1977 - June	142.85	141.70	r 142.30	1981 - January	193.53	186.94	192.00
December	147.84	147.01	r 147.38	February	193.53	186.94	192.00
1978 - June	152.70	151.19	r 152.03	March	193.82	186.94	192.21
December	160.20	157.02	159.23	April	193.82	186.94	192.21
1979 - June	166.15	163.75	165.42	May	200.66	193.53	198.99
December	168.42	164.42	167.20	June	200.66	193.53	198.99

- (a) Excludes rural; see explanatory notes on page 12. Figures after June 1980 are subject to revision.



TABLE 15. WEIGHTED AVERAGE MINIMUM WEEKLY WAGE RATES PAYABLE FOR A FULL WEEK'S WORK (EXCLUDING OVERTIME)

AS PRESCRIBED IN AWARDS, DETERMINATIONS, ETC. (a) : ADULT MALES, TASMANIA

(\$)

Industry group	End of -										
	June 1976	December 1976	June 1977	December 1977	June 1978	December 1978	June 1979	December 1979	June 1980	December 1980	June 1981
Mining and quarrying (b) .. ..	r 137.60	r 143.03	r 151.37	r 156.42	r 160.62	166.77	170.71	171.84	181.07	195.97	209.95
Manufacturing -											
Engineering, metals, vehicles, etc. ..	122.61	127.77	135.94	141.24	145.16	152.02	160.32	r 163.00	r 171.31	178.46	194.61
Textiles, clothing and footwear ..	115.02	120.12	128.20	132.75	136.48	141.97	146.53	146.53	r 153.35	167.51	179.97
Food, drink and tobacco .. ..	124.62	129.61	139.00	143.93	148.06	154.12	159.93	160.70	r 168.31	178.21	191.44
Sawmilling, furniture, etc. .. ..	117.27	122.41	130.55	135.16	138.94	144.69	149.30	149.30	162.09	168.90	181.46
Paper, printing, etc. .. ..	126.65	131.99	140.30	145.25	149.35	155.32	160.62	r 162.69	170.01	177.65	190.85
Other manufacturing .. ..	118.89	124.11	132.23	136.94	141.00	147.43	152.16	155.87	r 164.25	171.27	183.89
Total all manufacturing groups ..	121.78	126.94	135.31	140.28	144.25	150.56	156.80	r 158.68	r 167.31	175.32	189.37
Building and construction .. ..	130.21	135.62	143.74	148.67	153.70	162.75	168.23	r 170.60	r 180.18	188.41	203.24
Railway services .. ..	118.03	123.12	131.20	135.74	143.55	149.78	164.41	r 167.28	r 174.85	182.19	195.75
Road and air transport .. ..	127.28	132.61	140.93	145.91	150.04	158.54	164.29	r 167.00	r 175.60	183.00	196.62
Shipping and stevedoring .. ..	157.50	163.68	172.42	178.50	183.39	190.73	196.17	r 199.00	r 211.17	220.02	236.42
Communication .. ..	150.90	156.83	165.67	171.48	176.46	182.82	191.21	192.54	201.23	209.67	225.26
Wholesale and retail trade .. ..	130.92	136.44	144.92	150.05	155.53	163.29	168.53	168.82	r 177.70	185.82	199.64
Public authority (n.e.i.) and community and business services .. ..	142.73	148.82	157.62	163.00	167.66	174.31	179.71	r 179.86	r 188.75	196.67	210.82
Amusement, hotels, personal services, etc.	113.96	119.41	127.49	132.98	136.65	142.97	147.61	147.61	158.26	164.90	177.16
Total all industry groups (c) ..	r 128.57	r 133.95	r 142.30	r 147.38	r 152.03	159.23	165.42	r 167.20	r 176.29	184.69	198.99

(a) The wage rates shown in this table should not be regarded as actual current averages, but as indexes expressed in money terms that are indicative of trends. Figures after June 1980 are subject to revision.

(b) For mining the wage rates include lead bonuses.

(c) Excludes rural.



TABLE 16. WEIGHTED AVERAGE MINIMUM HOURLY WAGE RATES PAYABLE (a) : ADULT MALES, TASMANIA

(Cents)

Industry group	End of -										
	June 1976	December 1976	June 1977	December 1977	June 1978	December 1978	June 1979	December 1979	June 1980	December 1980	June 1981
Mining and quarrying (b) .. ..	r 351.74	r 365.62	r 386.94	r 399.85	r 410.58	426.32	436.39	439.30	462.89	500.98	536.72
Manufacturing -											
Engineering, metals, vehicles, etc. ..	306.51	319.43	339.84	353.10	362.90	380.04	r 400.80	407.49	r 428.26	446.15	486.53
Textiles, clothing and footwear ..	287.55	300.29	320.51	331.88	341.21	354.91	366.31	366.31	r 383.38	418.78	449.93
Food, drink and tobacco .. ..	311.55	324.02	347.50	359.81	370.14	385.30	399.82	401.74	r 420.77	445.53	478.61
Sawmilling, furniture, etc. .. ..	293.17	306.03	326.37	337.89	347.34	361.73	373.25	373.25	405.23	422.26	453.66
Paper, printing, etc. .. ..	316.62	329.99	350.76	363.12	373.36	388.29	401.55	r 406.73	r 425.01	444.13	477.12
Other manufacturing .. ..	297.48	310.53	330.84	342.63	352.79	368.89	380.71	389.99	r 410.96	428.53	460.09
Total all manufacturing groups ..	304.48	317.39	338.32	350.74	360.66	376.44	r 392.05	396.75	r 418.32	438.35	473.48
Building and construction .. ..	325.53	338.05	359.34	371.68	384.26	406.87	420.59	r 426.50	r 450.46	471.01	508.11
Railway services .. ..	295.09	307.80	328.00	339.35	358.87	374.44	411.02	r 418.21	r 437.12	455.48	489.37
Road and air transport .. ..	318.19	331.53	352.33	364.77	375.10	396.34	410.72	417.50	r 438.99	457.49	491.55
Communication .. ..	389.10	404.40	427.20	449.23	462.29	478.94	500.92	504.40	527.17	549.28	590.13
Wholesale and retail trade .. ..	327.31	341.11	362.30	375.13	388.81	408.24	421.33	422.06	443.98	464.54	499.11
Public authority (n.e.i.) and community and business services .. ..	362.38	377.84	400.17	413.83	425.67	442.55	456.27	r 456.64	r 479.20	499.32	535.24
Amusement, hotels, personal services, etc.	284.91	298.51	318.71	332.44	341.63	357.43	369.01	369.01	395.65	412.26	442.89
Total all industry groups (c) ..	r 317.99	r 331.35	r 352.22	r 365.01	r 376.65	394.58	410.22	r 414.53	r 436.88	457.88	493.41

(a) The hourly wage rates shown in this table should not be regarded as actual current averages, but as indexes expressed in money terms that are indicative of trends. Figures after June 1980 are subject to revision.

(b) For mining the wage rates include lead bonuses.

(c) Excludes rural, shipping and stevedoring.



TABLE 17. WEIGHTED AVERAGE MINIMUM WEEKLY WAGE RATES PAYABLE FOR A FULL WEEK'S WORK (EXCLUDING OVERTIME)

AS PRESCRIBED IN AWARDS, DETERMINATIONS, ETC. (a): ADULT FEMALES, TASMANIA

(\$)

Industry group	End of -										
	June 1976	December 1976	June 1977	December 1977	June 1978	December 1978	June 1979	December 1979	June 1980	December 1980	June 1981
Engineering, metals, vehicles, etc. ..	117.43	122.56	130.70	135.34	139.14	146.41	151.07	153.54	r 161.09	172.38	185.14
Textiles, clothing and footwear .. ..	110.51	115.50	123.50	127.90	131.50	136.79	141.30	141.30	r 148.59	161.10	173.09
Food, drink and tobacco .. ..	115.41	120.49	128.61	133.18	138.09	143.62	148.23	148.23	154.99	166.85	179.24
Other manufacturing .. ..	112.98	118.03	126.09	130.55	134.25	139.62	144.09	r 144.96	r 153.00	161.03	173.00
Total all manufacturing groups ..	113.16	118.21	126.27	130.76	134.83	140.40	144.96	r 145.32	r 152.56	164.13	176.33
Transport and communication .. ..	128.80	134.50	142.78	147.71	151.79	154.57	159.52	159.52	166.71	173.71	186.61
Wholesale and retail trade .. ..	120.76	125.98	134.20	138.98	143.07	148.94	153.72	153.72	160.65	168.05	180.54
Public authority (n.e.i.) and community and business services .. ..	124.29	130.50	138.79	143.71	147.78	153.69	158.61	158.61	165.74	172.72	185.55
Amusement, hotels, personal services, etc.	110.28	115.28	123.28	127.67	131.26	138.22	143.48	143.48	152.93	161.77	173.79
Total all industry groups (b) ..	116.94	122.15	130.28	134.91	138.92	144.66	149.43	r 149.58	r 157.00	166.23	178.59

(a) The wage rates shown in this table should not be regarded as actual current averages, but as indexes expressed in money terms that are indicative of trends. Figures after June 1980 are subject to revision.

(b) Excludes rural, mining and quarrying and building and construction.



TABLE 18. WEIGHTED AVERAGE MINIMUM HOURLY WAGE RATES PAYABLE (a): ADULT FEMALES, TASMANIA

(Cents)

Industry group	End of -										
	June 1976	December 1976	June 1977	December 1977	June 1978	December 1978	June 1979	December 1979	June 1980	December 1980	June 1981
Engineering, metals, vehicles, etc. ..	293.57	306.41	326.75	338.34	347.85	366.02	377.68	383.84	r 402.72	430.95	462.84
Textiles, clothing and footwear .. ..	276.27	288.76	308.75	319.74	328.75	341.97	353.25	353.25	r 371.47	402.75	432.73
Food, drink and tobacco .. .. .	288.51	301.23	321.51	332.96	345.23	359.04	370.57	370.57	387.48	417.13	448.10
Other manufacturing .. .. .	282.44	295.08	315.22	326.36	335.62	349.05	360.21	r 362.40	r 382.50	402.57	432.49
Total all manufacturing groups ..	282.91	295.52	315.67	326.89	337.07	351.01	362.40	r 363.30	r 381.40	410.34	440.83
Transport and communication .. ..	355.00	370.72	393.54	407.14	418.36	426.04	439.68	439.68	459.48	478.79	514.34
Wholesale and retail trade .. ..	301.91	314.96	335.51	347.44	357.67	372.36	364.31	384.31	401.61	420.12	451.36
Public authority (n.e.i.) and community and business services .. .. .	329.89	346.37	368.40	381.44	392.26	407.94	421.00	421.00	439.93	458.44	492.50
Amusement, hotels, personal services, etc.	276.57	289.10	309.17	320.19	329.17	346.63	359.83	359.83	383.53	405.68	435.83
Total all industry groups (b) ..	295.11	308.27	328.79	340.46	350.59	365.07	377.11	r 377.48	r 396.21	419.52	450.70

(a) The hourly wage rates shown in this table should not be regarded as actual current averages, but as indexes expressed in money terms that are indicative of trends. Figures after June 1980 are subject to revision.

(b) Excludes rural, mining and quarrying and building and construction.



LABOUR, WAGES AND PRICES, 1980-81

BASIC, TOTAL AND MINIMUM WAGES

TABLE 19. STATE BASIC WAGE RATES (a) : HOBART

(\$)

Date operative (b)	Adult males	Adult females	Date operative (b)	Adult males and females
1974 23 May	46.00	36.90	1978 28 February	73.50
1975 15 May	47.70	38.20	1978 7 June	74.50
1976 15 May		58.20	1978 12 December	77.50
1976 22 November		62.90	1979 27 June	80.00
1977 31 March		68.60	1980 4 January	83.60
1977 24 May		69.90	1980 14 July	87.10
1977 22 August		71.30	1981 9 January	90.30
1977 12 December		72.40	1981 7 May	93.60

(a) State Industrial Boards have retained the basic wage concept.

(b) Rates are operative from the beginning of the first pay-period commencing in the month shown or commencing on or after the date shown.

TABLE 20. FEDERAL TOTAL WAGE : INCREASES IN WEEKLY WAGE RATES (a)

Date operative (b)	Adult males and females	Date operative (b)	Adult males and females
1975 15 May	3.6 per cent	1977 12 December	1.5 per cent
1975 18 September	3.5 per cent	1978 28 February	(f) 1.5 per cent
1976 15 February	6.4 per cent	1978 7 June	1.3 per cent
1976 15 May	(c) 3.0 per cent	1978 12 December	4.0 per cent
1976 15 August	(d) 1.5 per cent	1979 27 June	3.2 per cent
1976 22 November	2.2 per cent	1980 4 January	4.5 per cent
1977 31 March	\$5.70	1980 14 July	4.2 per cent
1977 24 May	(e) 1.9 per cent	1981 9 January	3.7 per cent
1977 22 August	2.0 per cent	1981 7 May	3.6 per cent

(a) The 1 July 1967 decision of the Federal Conciliation and Arbitration Commission introduced the total wage concept and eliminated the basic wage and margins from its awards; the last federal basic wage award was on 11 July 1966 - \$33.40 for adult males and \$25.05 for adult females.

(b) Rates are operative from the beginning of the first pay-period commencing on or after the date shown.

(c) Increase of 3 per cent up to a maximum of \$3.80 per week.

(d) \$2.50 for wage rates up to \$166 per week, 1.5 per cent for wage rates over \$166 per week.

(e) Increase of 1.9 per cent up to a maximum of \$3.80 per week.

(f) Increase of 1.5 per cent up to a maximum of \$2.60 per week.

TABLE 21. MINIMUM WAGE, ADULT MALES, WEEKLY RATES : FEDERAL AND TASMANIAN AWARDS

(\$)

Federal awards: Hobart		State Industrial Boards' determinations	
Date operative (a)	Amount	Date operative (a)	Amount
1977 24 May	109.00	1977 24 May	110.10
1977 22 August	111.20	1977 22 August	112.30
1977 12 December	112.90	1977 12 December	114.00
1978 28 February	114.60	1978 28 February	115.70
1978 7 June	116.10	1978 7 June	117.20
1978 12 December	120.70	1978 12 December	121.90
1979 27 June	124.60	1979 27 June	125.80
1980 4 January	130.20	1980 4 January	131.50
1980 14 July	135.70	1980 14 July	137.00
1981 9 January	140.70	1981 9 January	142.10
1981 7 May	145.80	1981 7 May	147.20

(a) Rates are operative from the beginning of the first pay-period commencing on or after the date shown.

NOTE: Minimum Wage for Adult Females: In the 1974 National Wage Case decision the Federal Conciliation and Arbitration Commission extended the minimum wage award provisions to adult females. The extension was made in three steps: (i) From the beginning of the first pay-period commencing on or after 23 May 1974, 85 per cent of the adult male minimum wage; (ii) from the beginning of the pay-period in which 30 September 1974 occurred, 90 per cent; and (iii) 100 per cent from the beginning of the pay-period in which 30 June 1975 occurred.



## PRICES AND PRICE INDEXES

### SCOPE, DEFINITIONS AND EXPLANATORY NOTES

**Consumer Price Index :** The Consumer Price Index is a quarterly measure of variations in retail prices for goods and services representing a high proportion of the expenditure of wage-earner households. The weighting pattern relates to estimated aggregates of wage-earner household expenditure, and not to estimated expenditure of an average or individual household of a specified type or mode of living. Consumer (or retail) price indexes are sometimes loosely called 'cost of living indexes' and are thought to measure changes in the cost of living. Such indexes cannot measure mode or level of living. Changes of this kind are matters for consideration apart from price indexes. Changes in prices of goods and services are, however, an important part of the change in cost of living and this part is measured by consumer (or retail) price indexes.

The Consumer Price Index covers a wide range of commodities and services arranged in eight major groups :

- |                                         |                                     |
|-----------------------------------------|-------------------------------------|
| (i) food;                               | (v) transportation;                 |
| (ii) clothing;                          | (vi) tobacco and alcohol;           |
| (iii) housing;                          | (vii) health and personal care; and |
| (iv) household equipment and operation; | (viii) recreation.                  |

These groups do not include every item of household spending. Prices are collected regularly for specified quantities and qualities of a large and representative selection of commodities and services.

Substantial changes occur in consumer usage and patterns of expenditure over time. In order to keep the weighting pattern representative of current expenditure, it has been necessary to construct indexes with additional items and change the weighting pattern at intervals, rather than maintain an index based on a list of items and set of weights that remained unchanged throughout the whole period covered.

For the six state capital cities, nine series for short periods have been constructed and linked to form a continuous retail price index series : (i) from September quarter 1948 to June quarter 1952; (ii) from June quarter 1952 to June quarter 1956; (iii) from June quarter 1956 to March quarter 1960; (iv) from March quarter 1960 to December quarter 1963; (v) from December quarter 1963 to December quarter 1968; (vi) from December quarter 1968 to December quarter 1973; (vii) from December quarter 1973 to June quarter 1974; (viii) from September quarter 1974 to September quarter 1976; and (ix) from September quarter 1976.

The Consumer Price Index is a fixed weights index and has a hierarchical structure. Like items are grouped into expenditure classes, expenditure classes into sub-groups and sub-groups into groups. The weights used at the expenditure class, sub-group and group level are value weights. These value weights indicate the relative importance of the class, sub-group or group. Value weights remain fixed (i.e. they do not change) between reviews of the Index. (Such reviews take place about every five years.) However, the percentage contribution (often referred to as index contribution points) of an expenditure class, sub-group or group changes continually due to different relative price movements.

The weighting pattern of the ninth linked series was derived from estimates of household expenditure for the year 1974-75, valued at September quarter 1976 prices. The estimates were derived mainly from the Household Expenditure Survey conducted in respect of 1974-75. The ninth series introduced four new major groups - 'transportation'; 'tobacco and alcohol'; 'health and personal care'; and 'recreation' - by sub-division of the former 'Miscellaneous group'. Also, the group previously called 'household supplies and equipment' was modified and renamed 'household equipment and operation'.

A description of the Consumer Price Index is contained in the ABS booklet titled A Guide to the Consumer Price Index.

At each time of linking, the weighting pattern is altered and new items (mainly ones that have become significant in household expenditure) are introduced. The process of linking ensures that the index reflects only price variations and not differences in cost of the old and new lists of items. The introduction of new items and weights by linking does not, of itself, raise or lower the level of the index.

**Materials Used in Building other than House Building :** The index contained in this publication replaces the previous index which had a reference base of 1966-67 = 100.0. The revised index has been compiled for each month from July 1979 on a reference base 1979-80 = 100.0. A detailed description of the revised index is given in the Appendix to the February 1981 publication of the Price Index of Materials Used in Building other than House Building (Catalogue No. 6407.0). A technical note showing a method of linking the revised index groups to previous index groups is available on request.

The index measures changes in prices of selected materials used in the construction of buildings other than houses and 'low-rise' flats (in general, those up to three storeys). It includes 68 items, combined in ten industry of origin groups, in addition to an 'All Groups' index. Although the selected materials (or many of them) are also used in house (and low-rise flat) building, in building repair, maintenance and alteration work, and in 'engineering construction' work (e.g. projects such as roads, dams, bridges and the like) the weighting pattern of the index, being designed for the specific purpose mentioned at the beginning of this paragraph, is not applicable to these other activities of the construction industry. In addition, since the weights are based on an average materials usage over a range of types of building within the defined area (building other than house building), the index is not necessarily applicable to any specific building or type of building included in that area. The index is a fixed quantity weights index and is calculated by the method known as 'the weighted arithmetic mean of price relatives'. The items and weights were derived from estimated average values of materials used in the construction of buildings other than houses commenced in the six state capital cities in the three years ended June 1977. The single weighting pattern is applied in calculating indexes for each state capital city. Prices are collected as at the mid-point of the month to which the index refers, or as near thereto as practicable. They relate to specified standards of each commodity and are obtained from representative suppliers of building materials to the Hobart area. There are, however, some exceptions to the use of local prices; the majority of the items in the groups 'Mechanical services components' and 'Electrical materials' are based on Sydney and Melbourne price series. The index numbers for 'Electrical materials' replace the index numbers previously released in the publication Price Index of Electrical Installation Materials (6409.0) which was discontinued in February 1981, and a technical note showing a method of converting the 'Electrical materials' index numbers to the reference base of the previous index (1959-60 = 100.0) is available on request.



# LABOUR, WAGES AND PRICES, 1980-81

**Materials Used in House Building :** This index measures the changes in prices of selected materials used in house construction. The house construction types included are those which use brick, brick veneer, timber or asbestos cement sheeting as the principal material of the outer walls. The number of items included in the index ranges from 49 (Brisbane) to 51 (Perth). The items are combined into eleven groups. An 'All Groups' index is also published. Standards are fixed for items and prices are obtained for items of constant quality. Information about material usage and values was obtained for houses in each state capital city urban area. From the data collected, weighting patterns were developed for each capital city and for a combined six state capital cities index. Prices are collected at the mid-point of each month from representative suppliers in each capital city. The index has been compiled for each month from July 1966 and for financial years from 1966-67. Index numbers are published for each capital city and for the six state capital cities combined (though details for Hobart only are shown in this Bulletin); although the base of the index is 1966-67 = 100.0, the weighting pattern more closely approximates material usage in 1968-69.

**Price Indexes of Metallic Materials :** The 'Price Index of Metallic Materials used in the Manufacture of Fabricated Metal Products' and the 'Price Indexes of Copper Materials used in the Manufacture of Electrical Equipment' have been compiled monthly from July 1968 and for financial years from 1968-69. Each of the indexes is a fixed weights index with base 1968-69 = 100.0 and compiled using the method known as 'the weighted arithmetic mean of price relatives'. Prices for all of the items relate to representative goods of fixed specification collected from a selection of representative sources. The prices are collected monthly and are for items of constant quality. The prices, as far as possible, are those normally charged to representative manufacturers for goods delivered into their stores. The 'Price Index of Metallic Materials Used in the Manufacture of Fabricated Metal Products' includes important metallic materials selected and combined in accordance with a weighting pattern reflecting value usage as reported in the 1968-69 Census of Manufacturing Establishments for establishments classified to the ASIC sub-division of 'Fabricated Metal Products'. 'Price Indexes of Copper Materials Used in the Manufacture of Electrical Equipment' have a weighting pattern based on advice from the Electricity Supply Association of Australia and the Australian Electrical Manufacturers' Association.

**Price Index of Materials Used in Manufacturing Industry :** This index has been compiled for each month from July 1968 and for financial years from 1968-69 on the reference, base year 1968-69 = 100.0. Index numbers for financial years are simple averages of the relevant monthly index numbers. The index is a fixed weights index and is calculated by the method known as 'the weighted arithmetic mean of price relatives' and is based on materials used by establishments classified in Division C, Manufacturing, of ASIC. The selection items were allocated weights in accordance with estimated manufacturing usage in 1971-72. Only materials originating from outside the Manufacturing Division were selected. The selected items have been combined into broad 'Index groups' using two different classifications:

- (i) Australian Standard Industrial Classification (ASIC)
- (ii) Standard International Trade Classification (SITC)

The index is on a 'net basis' relating in concept only to those materials which are used by establishments within the Manufacturing Division in Australia and which have been produced by establishments outside that Division. Prices are collected using mainly monthly average prices rather than prices relating to the mid-point of the month. Prices of home-produced items are generally obtained from principal users while prices of imported items are obtained from suppliers and users. As far as possible prices are on a 'delivered into store' basis relating to goods of fixed specifications with the aim of incorporating in the index price changes for representative materials of constant quality.

**Price Indexes of Articles Produced by Manufacturing Industry :** As with the 'Price Index of Materials Used in Manufacturing Industry' these indexes have been compiled for each month from July 1968 and for financial years from 1968-69, on the reference, base year 1968-69 = 100.0. Index numbers for financial years are simple averages of the relevant monthly index numbers. The indexes are fixed weights indexes and are calculated using the 'weighted arithmetic mean of price relatives' method. They are based on values of articles produced in 1971-72, by establishments classified to the Manufacturing Division of ASIC. The selection of items was made from data reported in the 1971-72 Census of Manufacturing Establishments and combined into the published industry groupings using ASIC. Most prices used in the indexes relate to the mid-point of the month.

The Manufacturing Division Index reflects sales and transfers of articles at the point of exit from the Manufacturing Division; articles sold or transferred by establishments in the Manufacturing Division to other establishments in that division for further processing are outside the scope of this index.

The selected net sub-division indexes reflect movements in prices of articles produced primarily by the respective sub-divisions for sale or transfer outside the Manufacturing Division or to other sub-divisions within Manufacturing.

**Export Price Index :** The revised Export Price Index, introduced in July 1979, has been compiled for each month from July 1974 and for the financial years from 1974-75 on the reference base 1974-75 = 100, replacing the previous index which had a reference base of 1959-60 = 100.

For any given period, price movements shown in the revised index will not necessarily be the same as price movements in the previous Export Price Index for a variety of reasons. In particular, it should be noted that:

The revised 'All groups' index differs in scope from the previous 'All groups' index.

The groups included in the revised index (e.g. cereals and cereal preparations) can differ from corresponding groups in the previous index because they may be composed of different exported commodities, or because more up-to-date weightings have been used when combining items to form the new groups.

The revised Export Price Index relates to all exports of merchandise from Australia. It includes re-exports of merchandise (that is, goods which are imported into Australia and exported at a later date without physical transformation). The index numbers for each month relate to prices of those exports of merchandise that are physically shipped from Australia during that month.

In general, prices are obtained from major exporters of the selected commodities included in the index. The point of pricing for the Export Price Index is the point at which the goods physically leave Australia, i.e. prices are on the basis FOB at main Australian ports of export. As the prices used in the index are expressed in Australian currency, changes in the relative values of the Australian dollar and overseas currencies can have a direct impact on price movements for the many commodities that are sold in currencies other than Australian dollars. Where exports are sold at prices expressed in terms of a foreign currency and forward exchange cover is used, the prices used in the index exclude forward exchange cover.



PRICES AND PRICE INDEXES

TABLE 22. CONSUMER PRICE INDEX, GROUP INDEX NUMBERS (a): HOBART

Year or quarter	Food	Clothing	Housing	Household equipment and operation	Transportation	Tobacco and alcohol	Health and personal care (b)	Recreation (c)	All groups	
									Index number	Percentage increase over preceding year or quarter
Year -										
1959-60	82.8	92.0	77.6	n.a.	n.a.	n.a.	n.a.	n.a.	85.6	1.8
1960-61	92.4	93.5	81.9						90.3	5.5
1961-62	90.2	94.7	85.6						90.7	0.4
1962-63	88.9	95.2	88.2						90.7	-
1963-64	90.1	95.7	90.9						91.7	1.1
1964-65	94.0	97.0	94.5						94.6	3.2
1965-66	98.9	98.0	97.1						98.0	3.6
1966-67	100.0	100.0	100.0	100.0	100.0	100.0	n.a.	n.a.	100.0	2.0
1967-68	106.8	102.4	103.6	103.7	104.2	102.1			104.6	4.6
1968-69	105.3	104.5	108.4	105.8	108.1	105.0			106.1	1.4
1969-70	106.4	107.9	112.6	107.4	111.2	107.3	102.5	n.a.	108.5	2.3
1970-71	109.6	111.9	117.4	110.9	116.2	115.6	103.2		112.6	3.8
1971-72	112.9	118.5	124.2	119.3	126.6	124.7	119.8		119.9	6.5
1972-73	120.0	125.6	131.8	123.8	132.1	134.7	125.8	n.a.	126.7	5.7
1973-74	141.4	142.4	146.9	132.8	139.6	152.7	141.0		142.6	12.5
1974-75	158.6	171.8	180.9	156.4	165.3	169.4	174.1		166.7	16.9
1975-76	177.5	200.9	216.4	183.9	196.7	206.3	(d)138.5	(d)190.0	(d)190.0	(d)14.0
1976-77	201.5	232.5	244.9	201.8	220.7	222.0	(e)250.3	103.6	(e)217.7	(e)14.6
1977-78	224.3	257.1	264.6	220.0	241.6	232.2	302.6	110.2	239.1	9.8
1978-79	251.3	277.2	278.1	235.9	256.5	268.4	(f)292.2	118.7	(f)257.7	(f) 7.8
1979-80	286.8	297.6	293.7	257.2	291.5	289.1	319.8	128.5	284.0	10.2
1980-81	313.0	319.7	314.9	286.3	321.6	310.7	325.5	139.8	310.1	9.2
Quarter -										
1977-78 - June	229.5	265.5	270.2	227.3	247.9	235.7	324.1	112.6	245.5	2.0
1978-79 - Sept.	238.4	269.7	272.0	228.8	247.0	238.8	331.3	115.4	249.3	1.5
Dec.	245.0	275.2	277.3	233.4	252.4	276.0	(f)274.2	117.7	(f)254.5	(f) 2.1
March	254.7	277.3	280.4	238.5	258.7	278.1	280.5	119.6	260.0	2.2
June	266.9	286.7	282.6	242.7	268.0	280.7	282.6	122.1	267.0	2.7
1979-80 - Sept.	275.1	290.5	285.4	248.1	282.5	283.1	287.6	123.0	273.6	2.5
Dec.	283.8	295.8	291.7	251.9	287.7	287.5	324.7	126.6	281.2	2.8
March	291.2	297.2	296.3	261.1	292.6	290.2	329.4	131.1	287.0	2.1
June	296.9	307.0	301.5	267.6	303.2	295.4	337.6	133.4	294.1	2.5
1980-81 - Sept.	304.6	310.8	305.2	278.3	309.6	304.1	339.2	136.0	300.8	2.3
Dec.	311.0	317.2	315.0	282.6	312.0	306.0	351.9	137.8	306.2	1.8
March	315.0	320.1	318.8	291.1	325.2	312.9	356.9	142.3	313.1	2.3
June	321.4	330.8	322.7	293.3	339.4	319.9	362.0	143.2	320.1	2.2
PERCENTAGE INCREASE : JUNE QUARTER 1981 OVER JUNE QUARTER 1980										
	8.3	7.8	7.0	9.6	11.9	8.3	7.2	7.3	8.8	..

- (a) Figures appearing after the decimal point possess little significance for general statistical purposes. They are inserted to avoid distortions that would occur in rounding the figures to the nearest whole number. The base of each index is year 1966-67 = 100.0, unless otherwise footnoted. A new group structure and weighting pattern was adopted with the introduction of the current (ninth) linked series from the September quarter 1976 (see the explanatory notes on page 21).
- (b) Base of index: December quarter 1968 = 100.0.
- (c) Base of index: September quarter 1976 = 100.0.
- (d) Affected by the introduction of Medibank and consequent reduction in net cost of medical services.
- (e) Affected by price increases in hospital and medical services associated with changes to Medibank.
- (f) Affected by price decreases in hospital and medical services associated with the abolition of the Medibank levy.



LABOUR, WAGES AND PRICES, 1980-81

TABLE 23. CONSUMER PRICE INDEX : SIX STATE CAPITAL CITIES  
PERCENTAGE CONTRIBUTIONS TO THE TOTAL INDEX AGGREGATE (a)

Group, section, etc.	As at September Qtr 1976		As at June Qtr 1981	
	Sub-group, etc.	Group	Sub-group, etc.	Group
Food -				
Dairy produce .. .. .	2.138		2.131	
Cereal products .. .. .	2.384		2.307	
Meat and seafoods - Meat .. .. .	4.537		5.698	
Fish .. .. .	0.420		0.465	
Fruit and vegetables - Fresh fruit and vegetables .. .. .	2.017	21.026	2.233	22.396
Processed fruit and vegetables .. .. .	0.889		0.785	
Soft drinks, ice-cream and confectionery .. .. .	2.080		2.180	
Meals out, take away food - Meals out .. .. .	2.072		4.500	
Snacks, take away food .. .. .	2.331			
Other food .. .. .	2.158		2.100	
Clothing -				
Men's and boys' clothing - Men's clothing .. .. .	2.339	10.141	2.763	9.674
Boys' clothing .. .. .	0.581			
Women's and girls' clothing - Women's clothing .. .. .	3.911		4.219	
Girls' clothing .. .. .	0.578			
Piecegoods and other clothing .. .. .	0.538		0.557	
Footwear - Men's footwear .. .. .	0.549	1.589		
Women's footwear .. .. .	0.774			
Children's footwear .. .. .	0.328			
Clothing and footwear services .. .. .	0.535		0.545	
Housing -				
Rent - Privately owned dwellings .. .. .	4.779	13.544	4.302	12.827
Government owned dwellings .. .. .	0.468		0.564	
Home ownership - Local government rates and charges .. .. .	1.759		1.882	
House price .. .. .	4.708		6.083	
Repairs and maintenance .. .. .	1.830			
Household equipment and operation -				
Fuel and light - Electricity .. .. .	1.437	14.761	2.427	13.844
Gas .. .. .	0.520			
Other fuel .. .. .	0.278			
Furniture and floor coverings .. .. .	3.222		2.926	
Appliances .. .. .	1.909	1.500	1.531	5.741
Drapery .. .. .	1.077		1.096	
Household utensils and tools - Household utensils .. .. .	1.017			
Tools .. .. .	0.490			
Household supplies and services .. .. .	3.319	1.019	3.345	
Postal and telephone services - Postal charges .. .. .	0.341			
Telephone charges .. .. .	1.151			
Transportation -				
Private transport - Motor vehicle purchase .. .. .	5.523	18.453	4.795	18.673
Motor vehicle operation .. .. .	10.788		11.728	
Public transport fares .. .. .	2.142		2.150	
Tobacco and alcohol -				
Alcoholic beverages - Beer .. .. .	4.769	10.247	4.601	9.504
Wine .. .. .	1.180		2.045	
Spirits .. .. .	1.052			
Cigarettes and tobacco .. .. .	3.246		2.858	
Health and personal care -				
Health services - Hospital and medical .. .. .	0.889	3.950	3.240	5.741
Dental .. .. .	0.595		1.786	
Personal care products .. .. .	1.799		0.715	
Personal care services .. .. .	0.667			
Recreation -				
Books, magazines, newspapers .. .. .	1.428	7.878	1.669	7.354
Other recreational goods .. .. .	3.215		2.463	
Holiday accommodation .. .. .	0.921		0.909	
Other recreational services .. .. .	2.314		2.313	
	100.000	100.000	100.000	100.000

(a) Percentage contributions shown are based on estimates of household expenditure for the year 1974-75, valued at September quarter 1976 and June quarter 1981 prices, respectively.



PRICES AND PRICE INDEXES

TABLE 24. CONSUMER PRICE INDEX: ALL GROUPS AUSTRALIA - SIX STATE CAPITAL CITIES (a)

Quarter	Quarter		Percentage change from same quarter of preceding year	Calendar year (b)		Fiscal year (b)	
	Index number	Percentage change (c)		Index number	Percentage change (c)	Index number	Percentage change (c)
1975 -							
September (d)	181.6	+ 0.8	+ 12.1	181.9 (1975) (d)	(d) + 15.1		
December (d)	191.7	+ 5.6	+ 14.0			193.3 (1975-76) (d)	(d) + 13.0
1976 -							
March	197.4	+ 3.0	(d) + 13.4	206.5 (1976) (e)	(e) + 13.5		
June	202.4	+ 2.5	(d) + 12.3				
September	206.9	+ 2.2	(d) + 13.9				
December (e)	219.3	+ 6.0	+ 14.4			220.0 (1976-77) (e)	(e) + 13.8
1977 -							
March	224.3	+ 2.3	(e) + 13.6	231.9 (1977) (f)	+ 12.3		
June	229.6	+ 2.4	(e) + 13.4				
September	234.1	+ 2.0	(e) + 13.1				
December	239.6	+ 2.3	+ 9.3			241.0 (1977-78) (f)	+ 9.5
1978 -							
March	242.7	+ 1.3	+ 8.2	250.3 (1978) (g)	(f) + 7.9		
June	247.7	+ 2.1	+ 7.9				
September	252.5	+ 1.9	+ 7.9				
December (f)	258.2	+ 2.3	+ 7.8			260.7 (1978-79) (g)	(f) + 8.2
1979 -							
March	262.6	+ 1.7	(f) + 8.2	273.0 (1979) (h)	(g) + 9.1		
June	269.6	+ 2.7	(f) + 8.8				
September	275.8	+ 2.3	(f) + 9.2				
December (g)	284.1	+ 3.0	+ 10.0			287.2 (1979-80) (h)	(g) + 10.2
1980 -							
March	290.3	+ 2.2	(g) + 10.5	300.8 (1980) (i)	+ 10.2		
June	298.4	+ 2.8	(g) + 10.7				
September	304.0	+ 1.9	+ 10.2				
December	310.3	+ 2.1	+ 9.2			314.2 (1980-81) (i)	+ 9.4
1981 -							
March	317.7	+ 2.4	+ 9.4				
June	324.7	+ 2.2	+ 8.8				

- (a) Weighted average of six state capital cities. Base year : 1966-67 = 100.0.  
 (b) Calendar year and fiscal year index numbers are averages of the four respective quarterly index numbers.  
 (c) Over preceding period.  
 (d) Affected by the introduction of Medibank and consequent reduction in cost of medical services.  
 (e) Affected by price increases in hospital and medical services associated with changes to Medibank.  
 (f) Affected by price decreases in hospital and medical services associated with the abolition of the Medibank levy.  
 (g) Affected by price increases in hospital and medical services associated with changes in health insurance arrangements.

TABLE 25. CONSUMER (RETAIL) PRICE INDEXES : VARIOUS COUNTRIES (a)

(Source : Monthly Bulletin of Statistics of the Statistical Office of the United Nations)

Year	Australia (b)	Canada	France	Fed. Repub. of Germany	Italy	Japan	New Zealand	Switzerland	United Kingdom	U.S.A.
INDEX NUMBERS (Base of each index : Year 1970 = 100.0)										
1975	162.8	142.5	152.8	134.7	171.1	172.4	162.8	144.8	184.4	138.6
1976	184.9	153.2	166.9	140.4	199.8	188.4	190.3	147.3	214.9	146.6
1977	207.6	165.4	183.2	145.6	236.6	203.6	217.7	149.2	249.0	156.1
1978	224.0	180.2	199.8	149.6	265.3	211.4	243.7	150.8	269.6	167.9
1979	244.3	196.7	221.3	155.8	304.5	219.0	277.2	156.2	305.8	187.2
1980	269.2	216.7	251.3	164.3	369.1	236.6	324.6	162.5	360.8	212.4
PERCENTAGE INCREASE OVER PREVIOUS YEAR										
1975	15.1	10.8	11.8	6.0	17.0	11.9	14.6	6.7	24.3	9.1
1976	13.6	7.5	9.2	4.2	16.8	9.3	16.9	1.7	16.5	5.8
1977	12.3	8.0	9.8	3.7	18.4	8.1	14.4	1.3	15.9	6.5
1978	7.9	8.9	9.1	2.7	12.1	3.8	11.9	1.1	8.3	7.6
1979	9.1	9.2	10.8	4.1	14.8	3.6	13.8	3.6	13.4	11.5
1980	10.2	10.2	13.6	5.5	21.2	8.0	17.1	4.0	18.0	13.5

- (a) The items priced and the levels at which they are priced in these indexes vary widely from country to country.  
 (b) Consumer Price Index converted to base : Year 1970 = 100.0.



TABLE 26. ANNUAL AVERAGE RETAIL PRICES OF SELECTED FOOD AND GROCERY ITEMS : HOBART (a)

(Cents)

Item	Unit	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980		
											Average price	Percent- age change (b)	
Groceries, etc. -													
Bread, ordinary white, delivered (c)	900 g	23.5	24.9	27.0	31.2	39.2	45.1	48.3	52.0	57.0	63.8	11.9	
Flour, self-raising .. ..	1 kg pkt	26.1	27.1	28.0	31.1	38.3	47.0	50.9	53.3	55.0	59.8	8.7	
Tea .. ..	250 g pkt	35.3	36.7	35.6	37.2	49.7	53.0	92.3	88.5	79.5	77.3	- 2.8	
Coffee, instant .. ..	150 g jar	n.a.	n.a.	n.a.	n.a.	n.a.	159.2	283.2	284.0	270.0	299.0	10.7	
Sugar .. ..	2 kg pkt	48.0	48.4	47.9	48.0	52.4	56.7	63.5	68.8	85.3	95.3	11.7	
Rice .. ..	500 g pkt	16.7	18.0	19.5	22.7	26.5	31.7	35.5	37.8	39.3	38.0	- 3.3	
Jam, strawberry .. ..	500 g jar	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	80.5	85.0	90.8	104.3	14.9	
Breakfast cereal, corn-based ..	500 g pkt	n.a.	n.a.	n.a.	(d)56.0	60.6	66.3	71.5	75.3	82.3	88.8	7.9	
Peaches, canned .. ..	825 g can	33.7	34.1	35.3	43.1	51.7	64.5	70.0	71.3	75.8	80.0	5.5	
Oranges .. ..	1 kg	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	60.3	66.3	77.3	16.6	
Potatoes .. ..	1 kg	14.6	16.3	20.5	30.4	19.6	33.7	26.6	35.8	39.5	45.0	13.9	
Onions, brown .. ..	1 kg	28.2	25.1	39.5	37.7	34.8	43.4	47.3	47.3	53.0	52.5	- 0.9	
Dairy Products, etc. -													
Butter .. ..	500 g	62.0	63.9	63.9	67.5	77.0	85.2	91.5	91.5	94.8	104.8	10.5	
Cheese, processed .. ..	250 g pkt	27.8	30.5	32.8	37.0	45.5	48.5	54.0	57.3	59.0	67.8	14.9	
Margarine, table, poly-unsaturated	500 g pkt	n.a.	n.a.	n.a.	(d)70.5	78.7	78.1	84.9	84.0	92.0	93.0	1.1	
Eggs (f) .. ..	1 doz. (55 g)	64.4	67.4	75.2	88.8	93.7	109.2	123.4	128.5	138.5	147.5	6.5	
Bacon, rashers, pre-pack .. ..	250 g	55.2	56.9	57.6	75.6	91.9	111.6	123.0	126.5	149.5	170.5	14.0	
Milk, fresh, bottled, delivered ..	2 x 600 ml	23.0	23.2	25.1	28.3	33.6	36.0	40.5	47.0	49.3	54.0	9.5	
Meat -													
Beef - Rib (without bone) ..	1 kg	127.4	127.2	145.3	153.9	136.7	163.1	181.4	202.3	333.8	392.0	17.4	
Steak - Rump .. ..	1 kg	220.9	230.6	271.4	319.7	287.0	323.4	354.7	391.5	580.0	659.8	13.8	
Chuck .. ..	1 kg	125.9	128.3	148.6	162.0	141.3	156.7	169.1	186.8	326.3	398.3	22.1	
Sausages .. ..	1 kg	66.6	69.9	85.1	110.2	109.6	120.4	137.7	150.5	213.8	255.5	19.5	
Silverside, corned .. ..	1 kg	144.4	149.9	175.0	201.3	180.8	201.1	218.7	247.5	354.5	441.8	24.6	
Lamb - Leg .. ..	1 kg	107.4	113.3	148.8	170.9	171.5	197.1	238.9	269.8	332.8	357.5	7.4	
Chops - Loin .. ..	1 kg	107.6	114.0	149.3	174.8	173.1	198.2	240.0	277.8	349.3	371.0	6.2	
Forequarter .. ..	1 kg	87.3	93.9	132.1	155.9	147.7	175.0	211.2	241.8	310.0	322.8	4.1	
Pork - Leg .. ..	1 kg	148.8	151.9	171.3	220.0	256.6	302.7	326.1	344.5	415.3	464.0	11.7	
Chops .. ..	1 kg	149.9	152.8	171.3	223.1	252.2	293.2	318.1	349.3	421.8	465.3	10.3	

(a) The table units are not necessarily those for which the original price data were obtained; in such cases, prices have been calculated for the table unit.

(b) Over the corresponding average 1979 price. A minus sign indicates a decrease.

(c) As from 1976, milk loaf, sliced (undelivered), 680g. As from June 1979, supermarket sales only.

(d) Average price for six months only.

(e) Average price for 9 months only.

(f) Prior to July 1972, 1 doz. (2 oz.)



Item	Unit	1979				1980				1981	
		March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June
Groceries, etc. -											
Bread, milk loaf, sliced ..	680 g	55	55	58	60	62	62	64	67	70	70
Flour, self-raising .. ..	1 kg pkt	55	54	55	56	59	61	60	59	66	66
Tea .. .. .	250 g pkt	83	81	76	78	78	79	76	76	78	79
Coffee, instant .. ..	150 g jar	257	238	295	290	282	311	305	298	298	302
Sugar .. .. .	2 kg pkt	73	85	92	91	93	93	98	97	99	98
Rice, short grain .. ..	500 g pkt	40	40	39	38	38	38	38	38	37	39
Jam, strawberry .. ..	500 g jar	90	85	91	97	100	104	105	108	107	109
Breakfast cereal, corn based ..	500 g pkt	80	80	83	86	85	89	90	91	93	102
Peaches, canned .. ..	825 g can	73	78	77	75	76	81	82	81	81	86
Oranges .. .. .	1 kg	63	69	65	68	74	79	77	79	79	84
Potatoes .. .. .	1 kg	40	37	39	42	42	42	43	53	58	42
Onions, brown .. .. .	1 kg	54	50	51	57	56	47	47	60	66	80
Biscuits, dry .. .. .	225 g pkt	46	47	50	49	52	54	53	57	59	61
Dairy produce, etc. -											
Butter .. .. .	500 g	90	94	98	97	101	106	108	104	107	114
Cheese, processed .. ..	250 g pkt	58	60	58	60	63	68	70	70	135	142
Margarine, table, poly-unsaturated	500 g pkt	91	88	95	94	92	97	94	89	98	102
Eggs .. .. .	1 doz. (55 g)	136	137	140	141	143	144	153	150	154	163
Bacon, middle rashers .. ..	250 g	135	148	157	158	166	172	171	173	174	179
Milk, powdered, full cream ..	1 kg can	283	293	303	310	310	327	350	353	340	360
Milk, fresh, bottled, delivered	2 x 600 ml	48	49	50	50	52	52	56	56	63	64
Meat -											
Beef - Rib (without bone) ..	1 kg	267	338	357	373	386	387	394	401	400	403
Steak - Rump .. .. .	1 kg	511	598	597	614	642	654	669	674	669	676
T-bone, without fillet	1 kg	464	545	558	577	598	599	624	637	616	632
Chuck .. .. .	1 kg	251	330	346	378	389	379	402	423	398	407
Sausages .. .. .	1 kg	183	216	222	234	252	260	254	256	256	268
Silverside, corned .. ..	1 kg	323	284	393	418	432	435	439	461	452	447
Lamb - Leg .. .. .	1 kg	303	345	341	342	342	352	366	370	348	357
Chops - Loin .. .. .	1 kg	319	367	354	357	356	364	377	387	362	379
- Forequarter .. .. .	1 kg	285	330	314	311	309	318	334	330	317	333
Pork - Leg .. .. .	1 kg	368	406	434	453	458	456	464	478	476	477
Chops .. .. .	1 kg	376	414	442	455	459	456	467	479	485	485

(a) The table units are not necessarily those for which the original price data were obtained; in such cases, prices have been calculated for the table unit. Prices shown are quarterly averages of the monthly average prices.



TABLE 28. WHOLESALE PRICE INDEX : HOBART - MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING (a)

(Base: year 1979-80 = 100.0) (b)

Year or month	Index numbers for selected major building materials												
	Structural timber	Clay bricks	Ready mixed concrete	Precast concrete products	Galvanised steel decking, cladding, etc.	Structural steel	Reinforcing steel bar, fabric and mesh	Aluminium windows	Steel windows, doors, louvres, etc.	Builders' hardware	Sand, aggregate and filling	Paint	Non-ferrous pipes
1979-80	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980-81	113.9	104.7	107.2	113.0	113.1	110.8	114.4	116.1	117.2	117.2	108.3	117.7	98.9
1979 -													
August	95.5	96.7	97.5	96.4	98.9	97.6	97.2	92.9	96.1	94.2	97.1	93.2	88.8
September	97.4	100.5	98.8	96.6	98.5	97.6	97.2	92.9	96.1	96.1	97.1	93.4	90.9
October	97.4	100.5	98.2	96.6	98.5	97.6	97.2	92.9	96.1	96.3	97.1	95.6	95.0
November	97.4	100.5	98.9	98.2	98.5	99.2	97.2	96.8	96.2	97.3	97.1	96.6	95.0
December	98.4	100.5	100.0	98.2	98.8	99.9	99.9	96.8	98.0	98.2	97.1	97.2	95.0
1980 -													
January	98.4	100.5	100.0	102.3	100.3	100.8	100.6	97.8	99.7	99.5	97.1	100.2	97.3
February	98.4	100.9	99.8	102.3	100.3	102.1	102.1	97.8	100.4	101.2	98.1	101.5	109.2
March	100.3	100.9	101.0	103.7	100.3	102.1	102.4	107.6	104.5	102.5	105.6	102.1	115.8
April	104.9	100.9	102.5	103.7	100.3	102.1	102.4	109.4	104.5	104.8	105.6	109.4	117.3
May	106.8	100.9	102.5	103.7	100.3	102.5	102.4	112.3	105.4	106.4	105.6	109.4	104.9
June	110.0	100.9	104.8	103.7	107.5	103.5	106.7	113.6	109.2	110.6	105.6	109.4	102.5
July	110.0	100.9	106.6	103.7	109.4	107.4	108.3	114.6	110.8	110.6	107.2	110.6	100.6
August	110.0	101.1	105.5	107.1	109.4	108.0	113.0	114.6	114.8	112.7	107.2	111.7	99.9
September	110.0	101.1	105.5	109.5	109.4	108.8	113.7	115.3	115.0	116.1	108.2	115.6	99.9
October	110.8	101.1	105.5	109.5	111.3	108.8	113.7	115.3	115.7	115.5	108.2	115.6	99.9
November	112.1	101.1	105.5	109.5	111.3	108.8	113.7	115.3	115.7	117.1	108.2	115.6	99.9
December	112.5	101.1	105.5	109.5	111.3	108.8	113.7	115.3	115.7	117.5	108.2	118.7	99.9
1981 -													
January	114.7	101.1	107.1	109.5	112.5	110.0	114.8	115.3	116.4	117.5	108.2	120.7	98.0
February	114.7	101.1	107.9	112.8	115.1	111.5	115.8	116.2	117.8	117.5	108.2	120.7	98.6
March	118.1	110.3	109.4	115.2	115.1	113.0	115.8	116.9	119.0	119.8	108.2	120.7	98.1
April	118.1	111.4	109.4	123.0	115.1	113.0	115.8	117.7	119.9	119.8	108.5	120.4	97.3
May	118.1	111.4	109.5	123.0	118.5	114.2	116.3	118.4	119.9	121.1	109.6	120.5	97.3
June	118.1	114.3	109.2	123.3	118.5	117.0	118.3	118.4	125.9	121.1	109.6	121.1	97.4
July	118.1	113.5	108.5	123.3	121.8	117.3	119.0	118.8	128.2	121.8	109.6	121.7	96.3
Percentage change between July 1980 and July 1981													
	+ 7.4	+ 12.5	+ 1.8	+ 18.9	+ 11.3	+ 9.2	+ 9.9	+ 3.7	+ 15.7	+ 10.1	+ 2.2	+ 10.0	- 4.3

See footnotes page 29.



TABLE 28. WHOLESALE PRICE INDEX : HOBART - MATERIALS USED IN BUILDING OTHER THAN HOUSE BUILDING (a), continued

(Base: year 1979-80 = 100.0) (b)

Year or month	Index numbers for special combinations of building materials									
	All electrical materials		All mechanical services		All plumbing materials		All groups excluding electrical materials and mechanical services		All groups	
	Index	Percentage increases (c)	Index	Percentage increases (c)	Index	Percentage increases (c)	Index	Percentage increases (c)	Index	Percentage increases (c)
1979-80	100.0	n.a.	100.0	n.a.	100.0	n.a.	100.0	n.a.	100.0	n.a.
1980-81	110.1	10.1	112.8	12.8	111.5	11.5	111.6	11.6	111.6	11.6
1979 -										
August	94.7	1.2	94.4	0.7	94.4	0.7	96.0	1.6	95.7	1.5
September	95.8	1.2	95.1	0.7	95.2	0.8	96.8	0.8	96.4	0.7
October	97.2	1.5	96.2	1.2	96.1	0.9	97.1	0.3	97.0	0.6
November	96.8	- 0.4	97.1	0.9	97.5	1.5	98.0	0.9	97.8	0.8
December	98.8	0.0	99.1	2.1	97.8	0.3	98.9	0.9	98.9	1.1
1980 -										
January	101.6	2.8	101.0	1.9	98.9	1.1	99.9	1.0	100.2	1.3
February	104.7	3.1	103.5	2.5	102.8	3.9	101.0	1.1	101.7	1.5
March	104.6	- 0.1	104.1	0.6	105.3	2.4	103.0	2.0	103.3	1.6
April	104.0	- 0.6	105.5	1.3	106.9	1.5	104.2	1.2	104.4	1.1
May	103.9	- 0.1	105.0	- 0.5	104.7	- 2.1	104.5	0.3	104.5	0.1
June	104.3	0.4	105.4	0.4	106.7	1.9	106.2	1.6	105.9	1.3
July	105.9	1.5	107.4	1.9	107.6	0.8	107.5	1.2	107.3	1.3
August	108.2	2.2	108.5	1.0	108.9	1.2	108.0	1.0	108.6	1.2
September	108.2	0.0	108.9	0.4	110.0	1.0	109.0	0.8	109.3	0.6
October	108.9	0.6	110.6	1.6	110.6	0.5	109.7	0.2	109.8	0.5
November	110.0	1.0	111.7	1.0	110.6	0.0	110.1	0.4	110.3	0.5
December	110.2	0.2	111.9	0.2	110.6	0.0	110.4	0.3	110.6	0.3
1981 -										
January	110.1	- 0.1	112.2	0.3	110.7	0.1	111.0	0.6	111.1	0.5
February	110.8	0.6	113.6	1.2	112.1	1.3	112.1	1.0	112.2	1.0
March	111.0	0.3	115.1	1.3	113.3	1.1	113.9	1.6	113.9	1.5
April	111.8	0.7	117.4	2.0	113.7	0.4	114.5	0.5	114.7	0.7
May	112.5	0.6	118.3	0.8	114.9	1.1	115.3	0.7	115.5	0.7
June	114.0	1.3	118.2	- 0.1	115.4	0.4	116.4	1.0	116.4	0.8
July	115.3	1.1	118.9	0.6	115.9	0.4	116.8	0.3	117.0	0.5
Percentage change between July 1980 and July 1981										
	+ 8.9	..	+ 10.7	..	+ 7.7	..	+ 8.7	..	+ 9.0	..

(a) Index rebased from 1979-80. The index numbers printed in previous issues of this publication are based on 1966-67 = 100.0.

(b) Figures are shown to one decimal place to avoid distortions that would occur in rounding off the index numbers to the nearest whole number.

(c) Percentage increases over previous year or previous month.



TABLE 29. WHOLESALE PRICE INDEX OF MATERIALS USED IN HOUSE BUILDING

GROUP INDEX NUMBERS : HOBART (a)

(Base of each index : Year 1966-67 = 100.0)

Year or month	Concrete mix, cement and sand	Cement products	Clay bricks, tiles, etc.	Timber, board and joinery	Steel products	Other metal products	Plumbing fixtures, etc.	Electrical installation materials	Installed appliances	Plaster and plaster products	Miscellaneous materials	All groups	
												Index	Percentage increase over preceding year or month
Value weight (b)	7.25%	7.01%	10.14%	38.15%	7.49%	7.93%	2.74%	1.61%	6.98%	4.99%	5.71%	100.00%	..
Year -													
1975-76	184.9	205.9	244.0	226.6	224.2	181.8	202.2	174.6	136.9	188.3	204.8	209.2	16.8
1976-77	205.0	231.6	272.1	257.4	254.7	201.4	228.2	191.8	148.0	202.2	234.0	235.1	12.4
1977-78	219.5	253.0	306.4	282.3	279.2	218.4	247.4	201.2	154.9	218.2	250.8	256.7	9.2
1978-79	227.3	278.6	326.6	300.7	297.9	231.9	258.5	224.5	161.6	229.6	273.5	273.6	6.6
1979-80	246.9	309.5	354.2	337.1	329.1	271.4	293.5	265.3	169.5	244.7	307.0	304.2	11.2
1980-81	266.0	343.5	376.2	377.8	380.6	304.0	337.0	296.8	181.2	265.3	350.4	338.2	11.2
Month -													
1980 -													
May	254.3	318.3	268.2	354.1	341.8	290.9	308.5	277.5	173.4	252.9	331.7	318.5	0.8
June	260.5	318.3	368.2	362.7	352.0	295.1	308.5	282.4	173.6	252.9	332.1	323.4	1.5
July	264.0	331.7	368.2	364.1	352.1	294.9	317.6	283.2	175.8	252.9	332.8	325.9	0.8
August	261.7	334.5	368.6	365.0	370.0	294.6	328.0	288.6	176.2	261.8	334.6	328.2	0.7
September	261.9	336.7	368.6	364.9	374.4	298.9	329.6	295.0	179.3	261.8	339.7	329.7	0.5
October	261.9	336.8	368.6	366.0	376.7	299.7	329.6	296.6	180.2	261.8	342.1	330.6	0.3
November	261.9	339.3	368.6	369.7	377.3	300.7	329.6	297.3	179.5	261.8	343.2	332.3	0.5
December	262.6	339.3	368.6	374.1	377.7	300.7	329.6	299.1	179.4	261.8	346.4	334.3	0.6
1981 -													
January	264.1	340.4	368.6	380.3	381.1	301.0	332.5	294.9	180.1	261.8	348.6	337.3	0.9
February	265.7	342.1	372.8	380.3	384.1	301.5	345.7	300.8	183.3	263.5	352.6	339.2	0.6
March	270.9	343.2	388.0	391.3	387.9	308.2	348.8	299.4	184.5	274.0	365.8	347.6	2.5
April	272.2	343.4	389.8	391.6	388.3	314.4	348.8	301.2	184.7	274.0	365.5	348.6	0.3
May	272.9	366.9	389.9	392.7	393.0	316.1	351.8	301.0	185.2	274.0	365.9	351.3	0.8
June	272.3	367.7	394.3	393.7	399.7	317.1	352.5	304.4	185.6	274.0	367.9	353.0	0.5
PERCENTAGE INCREASE : JUNE 1981 OVER JUNE 1980													
	+ 4.5	+ 15.5	+ 7.1	+ 8.5	+ 13.6	+ 7.5	+ 14.3	+ 7.8	+ 6.9	+ 8.3	+ 10.8	+ 9.2	..

(a) Figures are shown to one decimal place to avoid distortions that would occur in rounding the index numbers to the nearest whole number. Figures after the decimal point possess little statistical significance.

(b) Composition and weighting pattern as at reference base year.



PRICES AND PRICE INDEXES

TABLE 30. PRICE INDEX OF METALLIC MATERIALS USED IN THE MANUFACTURE OF FABRICATED

METAL PRODUCTS : GROUP AND ALL GROUPS INDEX NUMBERS : AUSTRALIA

(Base of each index : Year 1968-69 = 100.0) (a)

Year or month	Iron and steel	Aluminium	Copper and brass	Zinc	Silver	All groups excluding silver	All groups	
							Index	Percentage increase over previous year or month
Value weight (b)	83.2%	8.9%	5.7%	0.5%	1.7%		100.0%	..
1975-76	200.2	158.0	137.5	n.a.	n.a.	n.a.	193.1	+ 21.9
1976-77	227.8	176.9	158.1	259.8	222.5	219.3	219.4	+ 13.6
1977-78	248.9	193.7	153.9	237.9	246.8	238.3	238.5	+ 8.7
1978-79	264.9	208.9	179.2	291.3	327.4	255.0	256.2	+ 7.4
1979-80	294.4	251.5	216.6	329.5	957.3	286.2	297.6	+ 16.2
1980-81	336.0	281.5	209.9	332.4	719.7	323.7	330.4	+ 11.0
1980 -								
May	299.5	277.2	214.3	330.1	620.3	292.7	298.3	- 0.9
June	323.7	277.2	210.8	321.0	754.5	312.9	320.4	+ 7.4
July	323.9	276.6	211.0	321.0	784.9	313.0	321.1	+ 0.2
August	329.4	278.1	217.8	321.0	764.8	318.2	325.8	+ 1.5
September	331.3	277.9	211.3	321.0	935.6	319.4	329.9	+ 1.3
October	331.6	278.7	214.2	321.0	960.2	319.9	330.8	+ 0.3
November	331.6	278.7	214.5	330.5	888.2	320.0	329.7	- 0.3
December	331.6	278.7	210.8	330.5	790.6	319.8	327.8	- 0.6
1981 -								
January	337.5	278.7	205.0	330.5	706.1	324.4	330.9	+ 0.9
February	339.5	278.7	206.1	330.5	628.8	326.2	331.4	+ 0.2
March	340.4	287.8	204.6	333.9	590.9	327.7	332.2	+ 0.2
April	341.2	287.8	209.0	342.9	559.8	328.7	332.6	+ 0.1
May	341.2	287.8	206.8	344.4	531.3	328.6	332.0	- 0.2
June	352.3	288.1	208.2	361.7	495.3	338.1	340.9	+ 2.7

(a) See footnote to the following table.

(b) Composition and weighting pattern as at reference base year.

TABLE 31. PRICE INDEXES OF COPPER MATERIALS USED IN THE MANUFACTURE OF ELECTRICAL

EQUIPMENT : INDEX NUMBERS FOR SELECTED ACTIVITIES : AUSTRALIA

(Base of each index : Year 1968-69 = 100.0) (a)

Year or month	Copper materials used in the manufacture of -				
	Electric motors and motor control equipment	High voltage and low voltage switchgear	Distribution transformers	Power transformers	General transformers
1975-76	139.7	145.3	128.1	122.4	135.3
1976-77	156.7	167.3	145.6	144.3	153.4
1977-78	153.1	163.0	140.0	138.9	148.0
1978-79	173.9	194.6	159.1	167.3	169.3
1979-80	204.6	236.9	185.1	205.4	197.8
1980-81	202.8	230.7	177.4	199.7	189.6
1980 -					
May	200.5	235.5	179.6	202.4	193.1
June	198.7	230.7	178.3	201.6	190.3
July	203.6	229.4	183.1	205.0	193.2
August	208.2	242.0	184.1	206.7	198.1
September	201.1	231.2	179.0	202.7	190.7
October	203.8	234.4	180.5	205.5	192.4
November	206.6	235.2	181.8	205.8	193.7
December	203.5	233.3	177.5	201.7	190.2
1981 -					
January	200.9	224.9	175.7	197.0	186.6
February	200.9	224.1	173.8	194.6	185.1
March	199.0	222.6	172.0	192.7	183.5
April	203.7	231.6	175.8	197.7	188.9
May	201.0	229.4	173.0	194.2	186.5
June	200.8	230.2	172.0	193.1	186.2

(a) Figures are shown to one decimal place to avoid distortions that would occur in rounding off the index numbers to the nearest whole number.



**TABLE 32. PRICE INDEX OF MATERIALS USED IN MANUFACTURING INDUSTRY (a)**  
**GROUP INDEX NUMBERS BASED ON INDUSTRY OF ORIGIN ACCORDING TO ASIC CLASSIFICATION : AUSTRALIA**  
 (Base of each index : Year 1968-69 = 100.0) (b)

Year or month	Imported materials				Home produced materials					All groups	
	Agriculture	Mining	Manu- facturing	Total imported materials	Agriculture	Forestry and fishing	Mining	Electricity	Total home produced materials	Index	Percentage increase over previous year or month
Value weight (c)	1.92%	4.17%	21.07%	27.16%	47.04%	1.12%	18.92%	5.76%	72.84%	100.00%	..
Year -											
1975-76	166.5	423.6	162.6	202.9	132.3	213.7	163.3	137.9	142.0	158.6	+ 9.3
1976-77	258.6	479.5	182.1	233.2	152.5	245.2	189.2	148.8	163.2	182.2	+ 14.9
1977-78	303.4	515.3	201.6	257.0	162.4	273.5	211.4	160.9	176.7	198.5	+ 9.0
1978-79	285.3	542.6	222.1	275.7	228.8	263.5	281.8	173.8	238.7	248.8	+ 25.3
1979-80	329.2	911.8	261.8	366.4	280.3	300.3	r 403.5	186.7	r 305.2	r 321.8	+ 29.3
1980-81 p	293.6	1 146.3	278.7	413.0	295.9	344.4	454.0	210.2	330.9	353.2	+ 9.8
Month -											
1980 -											
May	328.7	1 090.0	274.4	403.5	278.0	323.2	425.8	192.2	310.7	335.6	+ 2.2
June	328.9	1 093.3	274.3	403.9	286.8	317.6	421.2	190.8	314.6	338.8	+ 1.0
July	323.1	1 086.0	274.8	402.7	296.0	313.2	446.1	196.1	327.4	347.8	+ 2.7
August	324.7	1 093.8	275.6	404.7	302.1	313.9	449.5	198.0	332.3	352.0	+ 1.2
September	314.7	1 117.8	275.9	407.9	295.8	321.7	450.6	200.0	328.8	350.3	- 0.5
October	302.9	1 101.8	276.8	405.3	290.9	336.6	453.6	202.5	326.9	348.2	- 0.6
November	295.4	1 101.7	277.1	405.0	297.2	340.4	450.2	202.5	330.1	350.4	+ 0.6
December	290.1	1 132.4	276.6	409.0	299.7	345.2	444.7	202.5	330.4	351.7	+ 0.4
1981 -											
January	284.7	1 151.4	277.4	412.1	302.7	348.8	459.9	218.5	332.6	357.8	+ 1.7
February	283.3	1 174.8	279.7	417.3	298.2	356.2	457.0	218.5	334.0	356.6	- 0.3
March	279.1	1 202.4	280.1	421.7	292.2	355.4	457.9	220.0	330.5	355.2	- 0.4
April	278.4	1 196.7	282.4	422.5	289.5	364.7	459.1	220.0	329.2	354.6	- 0.2
May p	274.3	1 191.7	284.2	422.8	286.2	369.1	460.5	220.0	327.5	353.4	- 0.3
June p	272.8	1 205.3	283.6	424.4	300.2	367.8	459.2	223.2	336.4	360.3	+ 2.0

PERCENTAGE INCREASE : JUNE 1981 OVER JUNE 1980

- 17.1	+ 10.2	+ 3.4	+ 5.1	+ 4.7	+ 15.8	+ 9.0	+ 17.0	+ 6.9	+ 6.3	..
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- (a) Relates only to materials which are used in Australian manufacturing industry and which have been produced outside Australian manufacturing industry.  
 (b) Figures are shown to one decimal place to avoid distortions that would occur in rounding the index numbers to the nearest whole number.  
 (c) Composition and weighting pattern as at reference base year.



TABLE 33. PRICE INDEX OF MATERIALS USED IN MANUFACTURING INDUSTRY (a)  
GROUP INDEX NUMBERS BASED ON STANDARD INTERNATIONAL TRADE CLASSIFICATION : AUSTRALIA

(Base of each index : Year 1968-69 = 100.0) (b)

Year or month	Manufactured materials (imported) (c)			Other materials (imported and home produced) (d)			All groups	
	Chemicals	Metal manufactures, components for transport equipment and machinery	Other manufactured materials (c)	Food, live animals and tobacco	Crude materials (excl. fuels)	Electricity, gas and fuels	Index	Percentage increase over previous year or month
Value weight (e)	6.67%	5.21%	5.76%	45.87%	20.66%	15.83%	100.00%	..
Year -								
1975-76	149.4	179.6	148.4	132.5	163.0	229.0	158.6	+ 9.3
1976-77	160.3	211.6	164.5	154.9	191.7	254.8	182.2	+ 14.9
1977-78	170.7	246.6	185.1	166.6	199.2	291.0	198.5	+ 9.0
1978-79	180.9	271.6	201.3	232.5	227.4	362.4	248.8	+ 25.3
1979-80	225.1	294.2	230.3	285.1	288.8	554.6	r 321.8	+ 29.3
1980-81 p	244.7	310.3	242.9	299.5	286.9	695.5	353.2	+ 9.8
Month -								
1980 -								
May	239.9	302.7	238.7	282.3	288.4	638.1	335.6	+ 2.2
June	239.3	305.2	239.0	291.5	282.6	638.9	338.8	+ 1.0
July	241.7	304.7	240.0	300.9	288.8	659.0	347.8	+ 2.7
August	240.7	305.3	241.9	307.0	292.3	662.6	352.0	+ 1.2
September	242.2	306.0	243.7	300.1	292.9	670.1	350.3	- 0.5
October	243.8	307.6	242.7	294.9	295.6	667.0	348.2	- 0.6
November	244.4	308.5	240.8	300.7	293.8	666.9	350.4	+ 0.6
December	243.2	308.5	239.9	303.1	289.8	674.1	351.7	+ 0.4
1981 -								
January	243.2	311.0	240.3	305.8	284.7	710.5	357.8	+ 1.7
February	244.9	314.1	240.8	301.3	281.7	718.1	356.6	- 0.3
March	244.9	313.8	243.2	295.3	281.1	726.6	355.2	- 0.4
April	247.1	316.3	245.0	292.7	282.1	726.0	354.6	- 0.2
May p	250.4	315.1	248.3	288.8	281.0	729.3	353.4	- 0.3
June p	249.8	312.9	248.4	302.8	279.2	735.6	360.3	+ 2.0
PERCENTAGE INCREASE : JUNE 1981 OVER JUNE 1980								
	+ 4.4	+ 2.5	+ 3.9	+ 3.9	- 1.2	+ 15.1	+ 6.3	..

- (a) Relates only to materials which are used in Australian manufacturing industry and which have been produced outside Australian manufacturing industry.  
(b) Figures are shown to one decimal place to avoid distortions that would occur in rounding the index numbers to the nearest whole number.  
(c) Excluding the manufactured imported crude materials listed in Footnote (d).  
(d) Includes the following manufactured imported crude materials: synthetic rubber, hardwood, softwood, woodpulp, synthetic fibre, vegetable oils and imported fuel oil.  
(e) Composition and weighting pattern as at reference base year.



TABLE 34. PRICE INDEXES OF ARTICLES PRODUCED BY MANUFACTURING INDUSTRY : AUSTRALIA

(Base of each index : Year 1968-69 = 100.0) (a)

Year or month	Selected net sub-division indexes (b)											All manufacturing division index (c)	
	Food, beverages and tobacco (21-22)	Textiles (23)	Clothing and footwear (24)	Wood, wood products and furniture (25)	Paper, paper products, printing (26)	Chemical, petroleum and coal products (27)	Glass, clay and other non-metallic mineral products (28)	Basic metal products (29)	Fabricated metal products (31)	Transport equipment (32)	Other industrial machinery, equipment, household appliances (33)	Index	Percentage increase over previous year or month
Year -													
1975-76	163.5	159.7	185.2	219.9	196.3	168.2	183.2	174.0	217.1	175.8	179.2	177.8	+ 12.5
1976-77	180.0	178.6	208.1	246.8	212.8	182.4	202.5	200.6	244.9	195.0	199.4	196.9	+ 10.7
1977-78	195.6	193.3	225.2	264.0	231.7	200.7	219.8	214.0	268.7	211.6	215.3	213.8	+ 8.6
1978-79	226.4	205.1	238.4	280.4	245.0	233.1	236.8	237.2	287.7	230.2	232.2	237.4	+ 11.0
1979-80	266.5	228.8	255.3	315.5	269.6	307.4	265.2	282.7	323.9	252.2	261.3	274.9	+ 15.8
1980-81	290.9	252.7	276.5	357.3	304.2	366.9	300.2	297.8	371.6	275.7	289.6	305.2	+ 11.0
Month -													
1980 -													
May	273.6	241.2	261.8	336.6	284.5	338.9	277.5	285.2	340.1	261.8	274.7	287.2	+ 0.4
June	275.9	241.5	262.5	338.5	285.9	339.6	279.8	292.4	346.3	262.4	275.8	289.2	+ 0.7
July	278.7	243.6	265.7	343.9	290.0	342.5	283.6	293.6	354.5	264.8	278.5	292.6	+ 1.2
August	282.5	244.9	268.0	347.5	292.8	353.3	288.1	296.6	359.2	267.0	281.4	296.5	+ 1.3
September	287.7	246.7	270.0	349.2	294.2	354.9	292.6	297.2	363.0	267.7	282.4	299.3	+ 0.9
October	287.7	247.2	270.7	352.9	297.7	355.5	294.8	299.1	363.6	270.2	284.3	300.4	+ 0.4
November	289.7	248.0	271.2	353.3	299.2	357.3	295.3	298.6	365.6	272.7	285.7	302.0	+ 0.5
December	294.5	250.2	273.3	354.7	301.3	361.1	296.7	295.5	366.4	274.6	287.1	304.4	+ 0.8
1981 -													
January	294.4	252.0	275.2	358.0	305.3	366.0	302.4	295.2	371.1	275.4	289.8	305.9	+ 0.5
February	294.6	257.9	282.0	361.1	308.3	376.0	305.8	296.8	376.9	278.3	292.6	309.1	+ 1.0
March	294.5	259.5	284.8	363.6	310.5	380.1	308.0	298.0	379.9	279.7	295.3	310.8	+ 0.5
April	295.5	259.6	285.4	366.9	312.5	383.4	308.6	300.5	381.4	283.0	297.1	312.5	+ 0.5
May	294.4	260.8	285.9	367.6	318.0	385.9	312.0	299.1	386.4	284.7	298.9	313.3	+ 0.3
June p	296.0	261.9	286.0	368.8	321.1	386.2	315.0	303.5	390.9	289.7	303.0	315.8	+ 0.8

PERCENTAGE INCREASE : JUNE 1981 OVER JUNE 1980

+ 7.3	+ 8.4	+ 9.0	+ 9.0	+12.3	+13.9	+12.6	+ 3.8	+12.9	+10.4	+ 9.7	+ 9.2	..
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- (a) Figures are shown to one decimal place to avoid distortions that would occur in rounding the index numbers to the nearest whole number.  
 (b) These indexes are on a 'net sub-division' basis. ASIC sub-division codes are shown in brackets at the head of the columns.  
 (c) This index is on a 'net division' basis and relates in concept only to articles which are produced in the Manufacturing Division of ASIC (Division C) for sale or transfer outside the Division.



TABLE 35. EXPORT PRICE INDEX : AUSTRALIA

(Base of each index : Year 1974-75 = 100)

Year or month	Meat and meat preparations	Dairy products and eggs	Fish and fish preparations	Cereals and cereal preparations	Fruit and vegetables	Sugar and sugar preparations	Hides, skins and furskins raw	Textile fibres and their wastes	Metalliferous ores and metal scrap	Coal, coke and briquettes
1975-76	115	93	138	94	98	89	123	105	119	152
1976-77	125	94	185	89	108	83	188	135	140	164
1977-78	154	107	200	81	160	72	198	139	151	176
1978-79	234	113	229	86	167	74	308	153	157	178
1979-80	285	123	230	107	184	95	326	181	189	180
1980-81 p	274	141	227	121	210	143	231	190	207	189
1980 -										
May	269	127	212	117	190	119	254	192	206	183
June	262	127	214	117	191	128	238	187	202	178
July	262	134	218	116	202	131	242	189	204	178
August	276	135	216	116	202	133	237	187	204	180
September	285	136	221	116	203	150	230	185	202	180
October	284	137	216	117	207	156	234	186	201	184
November	288	139	219	118	208	150	237	186	204	187
December	286	139	224	119	212	161	244	186	203	184
1981 -										
January	278	142	224	125	214	157	240	194	203	187
February	275	142	233	127	213	147	238	192	207	189
March	267	142	230	125	213	141	223	198	209	189
April	266	146	239	126	215	135	220	195	214	193
May	263	149	241	126	215	127	216	191	219	205
June p	262	149	238	126	213	131	209	194	221	214
PERCENTAGE INCREASE : JUNE 1981 OVER JUNE 1980										
	0.0	17.3	11.2	7.7	11.5	2.3	- 12.2	3.7	9.4	20.2



TABLE 35. EXPORT PRICE INDEX : AUSTRALIA - continued

(Base of each index : Year 1974-75 = 100)

Year or month	Petroleum, petroleum products and related materials	Animal oils and fats	Manufactures of -		Power generating machinery and equipment	Specialised machinery for particular industries	Road vehicles	Gold	All groups	
			Iron and steel	Non-ferrous metals					Index	Percentage increase (a)
1975-76	119	98	84	93	114	126	117	91	109	+ 9.0
1976-77	137	117	91	123	119	147	130	95	122	+ 11.9
1977-78	141	136	96	125	139	166	145	120	128	+ 4.9
1978-79	157	157	118	161	154	178	154	165	144	+ 12.5
1979-80	241	169	145	255	173	195	166	347	174	+ 20.8
1980-81 p	290	145	142	210	194	211	137	408	185	+ 6.3
1980 -										
May	275	161	145	238	182	202	175	373	182	- 0.5
June	273	158	145	219	182	205	177	431	179	- 1.6
July	277	156	142	220	183	203	178	453	180	+ 0.6
August	284	154	143	224	183	201	179	443	182	+ 1.1
September	285	152	146	231	187	205	183	478	184	+ 1.1
October	284	142	145	235	187	207	184	469	185	+ 0.5
November	286	145	145	228	187	208	184	462	185	-
December	286	145	144	214	187	205	185	462	185	-
1981 -										
January	292	140	139	202	199	210	187	403	186	+ 0.5
February	295	139	139	197	199	209	188	354	186	-
March	297	137	140	196	205	213	190	344	185	- 0.5
April	295	141	138	197	205	219	191	348	186	+ 0.5
May	297	142	140	190	205	222	194	344	186	-
June p	307	142	140	186	205	224	196	334	188	+ 1.1
PERCENTAGE INCREASE : JUNE 1981 OVER JUNE 1980										
	+ 12.5	- 10.1	- 3.4	- 15.1	+ 12.6	+ 9.3	+ 10.7	- 22.5	+ 5.0	..

(a) Over previous year or month.



## PUBLICATIONS OF THE TASMANIAN OFFICE OF THE AUSTRALIAN BUREAU OF STATISTICS (a)

Cat. No.	Publication	Latest issue (b)	Date of issue
GENERAL			
1101.6	Index of Towns, Localities and Standard Area Codes irr * ..	1975	17- 9-1975
1103.6	Catalogue of Publications, Tasmanian Office irr ..	1980	7- 6-1980
1301.6	Tasmanian Year Book (\$8.00; \$9.00 Tas; \$10.30 interstate) a	1980	September 1980
1302.6	Pocket Year Book of Tasmania (\$0.60; \$0.95 posted) a ..	1980	24-11-1980
1303.6	Monthly Summary of Statistics m * .. ..	November 1981	November 1981
1304.6	Compendium of Local Government Area Statistics irr * ..	1979	10- 7-1979
DEMOGRAPHY AND SOCIAL			
3101.6	Demography a * .. .. ..	1979	19- 1-1981
3201.6	Estimated Population of Local Government Areas in Tasmania a	30 June 1980	7- 1-1981
3202.6	Population and Vital Statistics q .. ..	June qtr 1981	11- 9-1981
3301.6	Death, Causes of a * .. .. ..	1979	3-11-1980
3302.6	Divorces a * .. .. ..	1980	4- 9-1981
3401.6	Visitor Survey sole issue * .. .. ..	1978	23- 4-1979
4201.6	Education a * (final issue) .. .. ..	1979	26- 9-1980
4202.6	Schools a * .. .. ..	1980	27- 3-1981
4203.6	Tertiary Education a .. .. ..	1980	21- 7-1981
4301.6	Hospital Morbidity a * (final issue) .. .. ..	1978	20- 9-1979
4302.6	Mental Health Statistics a .. .. ..	1979-80	4-11-1980
4501.6	Public Justice a * (final issue) .. .. ..	1978	28- 9-1979
4502.6	Court Statistics a .. .. ..	1980	5- 6-1981
4503.6	Prison Statistics a .. .. ..	1979-80	9- 6-1981
4504.6	Police Statistics a .. .. ..	1979-80	28- 8-1981
TRADE AND FINANCE			
5401.6	Trade and Shipping a * .. .. ..	1977-78	16- 3-1981
5402.6	Trade, Overseas a .. .. ..	1979-80	24-12-1980
5501.6	Local Government Finance a * .. .. ..	1978-79	7- 7-1980
5601.6	Private Finance a * .. .. ..	1978-79	19- 2-1981
5603.6	Friendly Societies, Report on a .. .. ..	1978	1-10-1979
LABOUR, WAGES AND PRICES			
6101.6	Labour, Wages and Prices a * .. .. ..	1979-80	18- 2-1981
6301.6	Industrial Accident Statistics a * .. .. ..	1979-80	6-10-1981
AGRICULTURE			
7101.6	Agricultural Industry a * .. .. ..	1978-79	2- 2-1981
7102.6	Principal Agricultural Commodities Produced .. .. ..	1980-81	26- 6-1981
7201.6	Livestock Statistics a .. .. ..	1979-80	21-11-1980
7202.6	Meat Production a .. .. ..	1980-81	21-10-1981
7203.6	Dairying and Dairy Products a .. .. ..	1979-80	19- 1-1981
7204.6	Poultry Production a .. .. ..	1979-80	11-11-1980
7205.6	Wool Production and Disposal a .. .. ..	1979-80	26- 2-1981
7206.6	Bee Farming a .. .. ..	1979-80	1-10-1980
7301.6	Crops and Pastures a .. .. ..	1979-80	19- 6-1981
7302.6	Apples and Pears in Cool Stores (seasonal) m .. ..	June 1981	27- 7-1981
7303.6	Fruit a .. .. ..	1979-80	22- 5-1981
7304.6	Potato Production a .. .. ..	1979-80	13- 4-1981
7401.6	Rural Establishments, Number of, Irrigation and Fertiliser Usage a (final issue) .. .. ..	1978-79	15- 2-1980
7501.6	Agricultural Commodities Produced, Value of a .. ..	1979-80	29- 6-1981
MANUFACTURING, MINING AND BUILDING			
8202.6	Census of Manufacturing Establishments, Details of Operations and Small Area Statistics a * .. .. ..	1978-79	24-11-1980
8203.6	Sawmilling, Woodchipping, etc. Statistics m .. ..	June qtr 1981	8-10-1981
8204.6	Survey of Household Energy Sources irr .. ..	November 1979	24- 3-1980
8301.6	Productive Activity, Miscellaneous Indicators of m .. ..	October 1981	27-10-1981
8401.6	Mining a * .. .. ..	1979-80	5-10-1981
8601.6	Retail and Selected Services Establishments (Economic Censuses) irr * .. .. ..	1973-74	2-10-1975
8602.6	Wholesale Establishments (Economic Census) irr * .. ..	1968-69	24- 8-1973
8603.6	Tourist Accommodation q .. .. ..	June qtr 1981	12-10-1981
8604.6	Census of Tourist Accommodation Establishments, irr * ..	1973-74	29- 8-1975
8701.6	Building Industry a * .. .. ..	1979-80	19-12-1980
8702.6	Building Approvals m .. .. ..	August 1981	3-11-1981
8703.6	Building Activity q .. .. ..	Sept + Dec qtr 1980	1- 9-1981
8704.6	Dwelling Commencements m .. .. ..	Jan-Mar 1980	16- 6-1981
TRANSPORT			
9301.6	Motor Vehicle Registrations m .. .. ..	August 1981	2-11-1981
9302.6	Motor Vehicle Census irr * .. .. ..	30 Sept. 1979	12- 5-1980
9401.6	Road Traffic Accidents Involving Casualties q .. ..	June qtr 1981	4-11-1981
9402.6	Road Traffic Accidents Involving Casualties a .. ..	31 Dec 1980	28- 8-1981

(a) Publications are free of charge unless a price is shown. The name of each publication is followed by a symbol indicating the frequency of publication as follows: m - monthly, q - quarterly, a - annual, irr - irregular.

(b) As at 4 November 1981.

\* Statistical bulletin. These are generally at least 20 pages in length compared with most other publications which are the shorter 'press releases'.